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Metropolitan Housing Characteristics

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SHEBOYGAN, WIS.

STANDARD METROPOLITAN STATISTICAL AREA

1980

**Census of
Housing**

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1980

Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

SHEBOYGAN, WIS.

HC80-2-331

Issued October 1983



U.S. Department of Commerce
Malcolm Baldrige, Secretary
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Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

HOUSING DIVISION
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9	Delaware	49	Washington	84	Baton Rouge, La.		
10	Not assigned	50	West Virginia	85	Battle Creek, Mich.	120	Chico, Calif.
11	Florida	51	Wisconsin	86	Bay City, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
12	Georgia	52	Wyoming	87	Beaumont-Port Arthur-Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
13	Hawaii	53	Puerto Rico	88	Bellingham, Wash.	123	Cleveland, Ohio
14	Idaho	54	Not assigned	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
15	Illinois	55	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
16	Indiana	56	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
17	Iowa	57	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
18	Kansas	58	Abilene, Tex.	93	Birmingham, Ala.	128	Columbus, Ohio
19	Kentucky	59	Akron, Ohio	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
20	Louisiana	60	Albany, Ga.	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
21	Maine			96	Bloomington-Normal, Ill.	131	Dallas-Fort Worth, Tex.
22	Maryland	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	132	Danbury, Conn.
23	Massachusetts	62	Albuquerque, N. Mex.	98	Boston, Mass.	133	Danville, Va.
24	Michigan	63	Alexandria, La.	99	Bradenton, Fla.	134	Davenport-Rock Island-Moline, Iowa-Ill.
25	Minnesota	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	135	Dayton, Ohio
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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Oak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odesa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
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159	Fort Collins, Colo.	199	Kankakee, Ill.			275	Oxnard-Simi Valley- Ventura, Calif.
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		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
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169	Gary-Hammond-East Chicago, Ind.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
170	Glens Falls, N.Y.	210	Lancaster, Pa.	248	Montgomery, Ala.		
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172	Grand Rapids, Mich.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	288	Ponce, P.R.
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177	Greenville-Spartanburg, S.C.	217	Lawton, Okla.	256	New Brunswick-Perth Amboy-Sayreville, N.J.	292	Poughkeepsie, N.Y.
178	Hagerstown, Md.	218	Lewiston-Auburn, Maine	257	New Haven-West Haven, Conn.	293	Providence-Warwick- Pawtucket, R.I.-Mass.
179	Hamilton-Middletown, Ohio	219	Lexington-Fayette, Ky.			294	Provo-Orem, Utah
180	Harrisburg, Pa.	220	Lima, Ohio	258	New London-Norwich, Conn.-R.I.	295	Pueblo, Colo.
		221	Lincoln, Nebr.			296	Racine, Wis.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.	260	New York, N.Y.-N.J.	298	Reading, Pa.
183	Honolulu, Hawaii			261	Newark, N.J.	299	Redding, Calif.
184	Houston, Tex.	224	Longview-Marshall, Tex.	262	Newark, Ohio	300	Reno, Nev.
185	Huntington-Ashland, W. Va.-Ky.-Ohio	225	Lorain-Elyria, Ohio	263	Newburgh-Middletown, N.Y.		
		226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.	301	Richland-Kennewick- Pasco, Wash.
186	Huntsville, Ala.					302	Richmond, Va.
						303	Riverside-San Bernardino- Ontario, Calif.

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305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.					365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.		
309	Sacramento, Calif.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
310	Saginaw, Mich.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
		329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.					370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	371	Wichita, Kans.
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				360	Vallejo-Fairfield-Napa, Calif.	380	Yuba City, Calif.
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Introduction

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GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

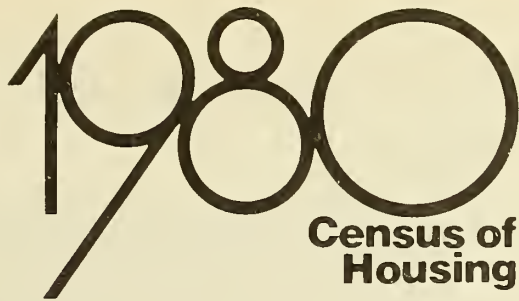
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



Metropolitan Housing Characteristics

SHEBOYGAN, WIS.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-331

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Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

Index of Tables—shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear **Page IX**

List of Tables—shows the table numbers and titles for each of the 68 tables **X**

Table Finding Guide—shows the tables in which the various subject cross-classifications presented in the report appear **XII**

Map—Standard Metropolitan Statistical Areas, Counties, and Selected Places **XIV**

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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

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		Total	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
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Sheboygan	B	13 to 24	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit.	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit.	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built.	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning.	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel.	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked.	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income.	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked.	—	—	—	—	—	—
Gross rent as percentage of household income.	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—

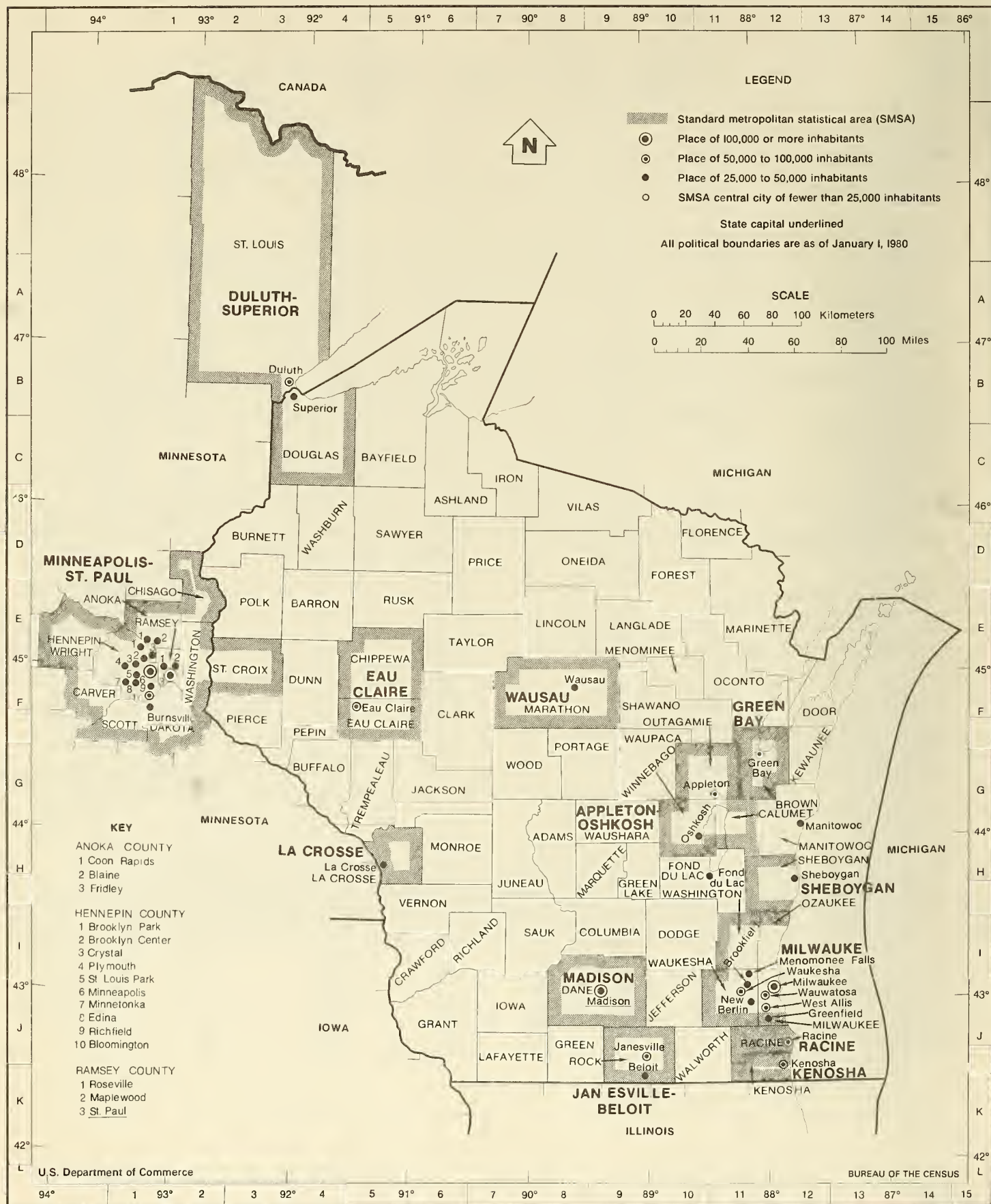
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.							
White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



SMSA boundaries are as defined on June 19, 1981

CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	20 383	34	626	2 181	3 813	4 850	3 750	3 618	910	498	103	47 200	50 500
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	16 487	12	305	1 435	2 718	4 082	3 286	3 298	800	456	95	49 200	52 700
15 to 24 years -----	403	—	11	41	71	130	86	62	2	—	—	46 700	46 400
25 to 34 years -----	3 784	—	20	272	689	1 026	685	860	155	77	—	48 900	52 000
35 to 44 years -----	3 497	—	48	216	437	688	724	892	321	152	19	54 200	58 100
45 to 64 years -----	6 163	5	116	477	945	1 543	1 291	1 228	294	193	71	50 000	54 300
65 years and over -----	2 640	7	110	429	576	695	500	256	28	34	5	42 400	43 800
Male householder, no wife present -----	1 092	5	119	129	291	240	189	80	25	13	1	40 100	42 100
15 to 24 years -----	84	—	3	8	8	31	26	2	5	—	—	45 000	48 900
25 to 34 years -----	155	—	9	1	53	34	39	9	2	8	—	44 000	48 500
35 to 44 years -----	146	—	15	13	37	40	33	6	2	—	—	44 400	42 000
45 to 64 years -----	266	—	31	52	46	49	40	38	5	5	—	41 100	43 200
65 years and over -----	441	5	61	55	147	86	51	25	11	—	—	35 900	38 000
Female householder, no husband present -----	2 804	17	202	617	804	528	275	240	85	29	7	37 500	40 800
15 to 24 years -----	19	—	—	17	—	2	—	—	—	—	—	26 100	27 400
25 to 34 years -----	161	—	17	25	39	36	5	30	9	—	—	39 900	44 400
35 to 44 years -----	191	4	3	22	60	21	46	35	—	—	—	43 000	44 400
45 to 64 years -----	766	—	59	156	208	131	77	87	26	16	6	38 100	43 800
65 years and over -----	1 667	13	123	397	497	338	147	88	50	13	1	36 800	38 800
Median age -----	49.8	71.8	63.9	59.2	53.7	49.8	49.2	44.0	43.6	46.4	52.8	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	1 714	2	20	84	201	384	356	465	110	85	7	54 500	58 400
1975 to 1978 -----	4 954	—	69	382	773	1 087	979	1 113	351	170	30	51 600	55 400
1970 to 1974 -----	3 430	8	108	256	587	810	682	690	163	101	25	49 400	52 700
1960 to 1969 -----	5 026	2	186	479	836	1 232	1 049	921	214	81	26	48 200	50 400
1959 or earlier -----	5 259	22	243	980	1 416	1 337	684	429	72	61	15	39 800	41 900
ROOMS													
1 to 3 rooms -----	159	—	66	68	4	11	2	8	—	—	—	21 700	23 900
4 rooms -----	1 381	12	76	368	456	293	103	59	8	6	—	34 800	36 600
5 rooms -----	5 244	13	144	519	972	1 510	1 336	692	50	7	1	46 300	46 000
6 rooms -----	5 992	4	145	623	1 248	1 468	1 179	1 060	220	39	6	46 800	48 400
7 rooms -----	3 952	5	139	381	736	841	663	852	80	80	21	48 400	51 800
8 or more rooms -----	3 655	—	56	222	397	727	467	947	398	366	75	59 100	65 200
Median -----	6.1	4.9	5.7	5.7	5.9	5.9	5.9	6.5	7.3	8.3	8.5+	...	...
BEDROOMS													
None -----	—	—	—	—	—	—	—	—	—	—	—	—	—
1 -----	345	5	84	119	55	25	42	15	—	—	—	26 300	30 000
2 -----	3 651	14	177	680	978	905	530	259	67	38	3	39 800	41 800
3 -----	11 892	12	225	939	2 066	2 948	2 541	2 434	516	167	44	49 200	51 400
4 -----	3 753	3	112	392	619	818	514	793	272	202	28	49 200	54 900
5 or more -----	742	—	28	51	95	154	123	117	55	91	28	53 300	65 800
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	2 041	2	9	17	37	171	517	831	293	146	18	64 400	69 900
1970 to 1974 -----	1 825	5	6	26	103	400	481	561	135	82	26	57 200	62 600
1960 to 1969 -----	3 350	2	30	91	255	669	932	950	280	110	31	55 600	60 400
1950 to 1959 -----	2 980	—	44	281	588	864	623	430	90	57	3	46 300	48 800
1940 to 1949 -----	2 082	—	67	222	550	691	349	176	17	8	2	43 000	43 600
1939 or earlier -----	8 105	25	470	1 544	2 280	2 055	848	670	95	95	23	38 800	41 200
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	956	14	109	169	275	234	61	62	22	10	—	37 300	38 500
\$5,000 to \$9,999 -----	2 468	6	166	566	687	518	278	179	36	31	1	36 800	39 600
\$10,000 to \$12,499 -----	908	8	51	149	225	230	124	97	18	6	—	40 900	42 400
\$12,500 to \$14,999 -----	1 067	—	35	151	362	200	163	120	22	14	—	39 400	43 500
\$15,000 to \$19,999 -----	3 194	4	131	403	609	880	667	410	59	12	19	45 700	46 200
\$20,000 to \$24,999 -----	3 852	2	55	370	693	1 091	819	650	137	35	—	47 000	49 000
\$25,000 to \$34,999 -----	4 982	—	47	264	695	1 140	1 143	1 250	310	123	10	52 500	55 200
\$35,000 to \$49,999 -----	2 041	—	31	93	185	444	378	607	178	117	8	56 000	60 300
\$50,000 or more -----	915	—	1	16	82	113	117	243	128	150	65	72 500	81 300
Median -----	\$21 979	\$8 750	\$11 863	\$15 628	\$17 861	\$21 592	\$23 609	\$26 828	\$30 100	\$36 331	\$63 684	...	...
Mean -----	\$23 975	\$8 788	\$14 060	\$16 407	\$19 879	\$22 352	\$24 726	\$28 839	\$36 109	\$43 357	\$78 407	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	11 426	1	209	899	1 856	2 705	2 195	2 496	638	349	78	50 200	54 100
Less than 15 percent -----	3 477	—	72	370	623	809	645	661	150	111	36	48 200	52 500
15 to 19 percent -----	3 028	—	22	232	461	838	572	706	131	49	17	49 600	53 400
20 to 24 percent -----	2 183	—	46	146	375	464	469	486	147	49	1	51 000	53 500
25 to 29 percent -----	1 124	—	21	70	135	235	214	317	80	48	4	54 800	57 300
30 to 34 percent -----	571	—	17	16	95	127	119	211	62	25	—	52 200	56 900
35 percent or more -----	1 038	1	31	65	167	232	176	211	68	67	20	51 000	58 200
Not computed -----	5	—	—	—	—	—	—	—	—	—	—	72 500	72 500
Median -----	18.7	45.0	21.1	16.7	18.3	18.2	19.0	19.1	21.3	21.5	15.9	...	...
Not mortgaged -----	8 957	33	417	1 282	1 957	2 145	1 555	1 122	272	149	25	43 200	45 800
Less than 10 percent -----	3 577	6	108	373	604	936	778	560	122	71	19	47 200	49 600
10 to 14 percent -----	1 975	7	113	243	401	472	367	259	69	45	—	43 900	46 700
15 to 19 percent -----	1 066	—	47	180	341	193	153	110	27	2	6	38 600	42 500
20 to 24 percent -----	851	—	42	209	208	181	102	87	13	9	—	36 500	40 400
25 to 29 percent -----	459	—	20	82	141	111	58	24	23	—	—	39 100	41 400
30 to 34 percent -----	348	6	33	81	85	77	28	33	2	3	—	37 300	38 800
35 percent or more -----	661	8	50	106	172	172	69	49	16	19	—	39 700	42 400
Not computed -----	20	—	4	8	5	3	—	—	—	—	—	23 800	29 000
Median -----	12.3	18.2	14.4	15.6	14.6	11.4	10.0	10.0	11.0	10.4	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	20 321	30	604	2 160	3 804	4 848	3 748	3 616	910	498	103	47 300	50 600
1.01 or more persons per room -----	248	—	7	41	47	68	36	40	9	—	—	44 300	45 600
Lacking complete plumbing for exclusive use -----	62	4	22	21	9	2	2	2	—	—	—	21 800	23 700
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment -----	20 378	34	626	2 176	3 813	4 850	3 750	3 618	910	498	103	47 200	50 500
Central heating system -----	19 518	26	463	2 052	3 680	4 687	3 658	3 493	877	481	101	47 500	50 800
Air conditioning -----	5 279	8	116	437	847	1 312	1 116	996	258	148	41	49 400	53 100
Central system -----	1 376	—	12	67	49	234	304	415	155	112	28	61 000	67 800
Income in 1979 below poverty level -----	560	7	50	106	128	131	35	67	28	8	—	39 100	42 500
Percent below poverty level -----	2.7	20.6	8.0	4.9	3.4	2.7	0.9	1.9	3.1	1.6	—	...	...

Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	9 714	590	1 159	2 117	2 872	1 467	611	227	149	69	453	213
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	3 671	51	296	626	1 087	754	369	127	88	49	224	233
15 to 24 years	848	—	48	153	281	198	111	23	15	—	19	240
25 to 34 years	1 237	4	42	240	384	288	147	51	36	12	33	240
35 to 44 years	320	3	6	26	89	69	27	35	4	32	29	271
45 to 64 years	627	30	65	104	152	81	59	18	33	5	80	220
65 years and over	639	14	135	103	181	118	25	—	—	—	63	207
Male householder, no wife present	2 042	109	351	434	615	252	94	53	29	3	102	206
15 to 24 years	645	13	88	133	203	125	43	9	18	—	13	221
25 to 34 years	572	8	33	148	242	57	16	38	2	3	25	221
35 to 44 years	260	6	50	69	63	40	25	—	5	—	2	203
45 to 64 years	313	39	76	30	88	12	10	6	4	—	48	170
65 years and over	252	43	104	54	19	18	—	—	—	—	14	140
Female householder, no husband present	4 001	430	512	1 057	1 170	461	148	47	32	17	127	196
15 to 24 years	774	9	76	239	301	92	48	6	—	—	3	211
25 to 34 years	847	—	85	235	330	124	35	22	11	3	2	215
35 to 44 years	321	17	28	87	82	44	26	19	18	—	—	215
45 to 64 years	693	52	119	203	193	58	20	—	3	6	39	182
65 years and over	1 366	352	204	293	264	143	19	—	—	8	83	159
Median age	34.6	71.0	56.9	32.8	30.4	29.8	29.3	29.5	33.5	42.2	58.4	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	3 838	95	259	728	1 327	692	379	159	107	47	45	230
1975 to 1978	3 256	262	336	757	995	519	164	68	24	15	116	211
1970 to 1974	1 263	122	241	276	314	176	37	—	18	—	79	190
1960 to 1969	669	71	150	185	145	44	5	—	—	7	62	169
1959 or earlier	688	40	173	171	91	36	26	—	—	—	151	165
ROOMS												
1 room	164	20	54	43	29	—	2	3	2	—	11	154
2 rooms	376	101	77	56	116	18	—	—	2	—	6	161
3 rooms	1 619	342	340	449	355	57	12	7	6	7	44	160
4 rooms	3 001	55	378	787	896	520	219	22	14	8	102	212
5 rooms	2 685	23	202	581	986	471	218	50	49	12	93	225
6 rooms	1 193	35	97	144	395	298	89	41	37	15	42	241
7 or more rooms	676	14	11	57	95	103	71	104	39	27	155	291
Median	4.4	3.0	3.8	4.1	4.5	4.8	4.8	6.3	5.5	6.0	5.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	9 714	590	1 159	2 117	2 872	1 467	611	227	149	69	453	213
Complete plumbing for exclusive use	9 405	517	1 058	2 075	2 823	1 452	601	227	149	69	434	214
0.50 or less	6 744	486	886	1 634	1 978	885	332	104	58	33	348	205
0.51 to 1.00	2 552	31	163	412	808	564	258	117	84	34	81	238
1.01 to 1.50	89	—	9	20	30	3	11	6	7	2	1	218
1.51 or more	20	—	—	9	7	—	—	—	—	—	4	197
Lacking complete plumbing for exclusive use	309	73	101	42	49	15	10	—	—	—	19	136
0.50 or less	206	49	65	32	33	4	10	—	—	—	13	130
0.51 to 1.00	103	24	36	10	16	11	—	—	—	—	6	144
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level	1 102	132	168	273	252	144	71	26	4	—	32	190
Complete plumbing for exclusive use	1 030	130	141	259	237	144	61	26	4	—	28	193
1.01 or more persons per room	30	—	—	16	7	—	—	5	2	—	—	199
Lacking complete plumbing for exclusive use	72	2	27	14	15	—	10	—	—	—	4	158
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	253	31	79	80	45	—	2	3	2	—	11	156
1	2 665	463	542	735	718	96	10	—	2	16	83	171
2	4 603	60	412	1 020	1 556	907	394	71	44	6	133	223
3	1 775	32	118	249	498	386	177	94	72	31	118	244
4	313	3	8	30	50	44	13	59	19	12	75	287
5 or more	105	1	—	3	5	34	15	—	10	4	33	287
UNITS IN STRUCTURE												
1, detached or attached	1 513	25	93	215	265	273	141	106	90	41	264	255
2	5 059	111	646	1 310	1 574	786	344	103	43	4	138	212
3 and 4	969	59	141	294	270	124	47	3	—	13	18	196
5 to 9	510	14	99	100	187	81	24	5	—	—	—	208
10 to 49	1 115	140	60	144	465	185	45	10	16	11	19	223
50 or more	473	241	80	31	98	13	8	—	—	—	2	94
Mobile home or trailer, etc.	75	—	20	23	13	5	—	—	—	—	12	181
YEAR STRUCTURE BUILT												
1975 to March 1980	937	161	51	71	240	184	105	37	38	27	23	237
1970 to 1974	901	142	45	71	252	178	132	57	12	—	12	238
1960 to 1969	914	94	81	108	335	146	47	24	—	5	74	226
1950 to 1959	730	15	24	184	229	139	50	26	4	2	57	222
1940 to 1949	972	—	107	249	316	180	38	19	23	11	29	217
1939 or earlier	5 260	178	851	1 434	1 500	640	239	64	72	24	258	201
STORIES IN STRUCTURE												
1 to 3	9 417	421	1 087	2 083	2 861	1 467	611	227	141	66	453	215
4 or more	297	169	72	34	11	—	—	—	8	3	—	86
With elevator	280	169	66	34	—	—	—	—	8	3	—	84
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	2 377	124	408	745	630	313	72	43	29	13	...	193
15 to 19 percent	1 789	117	190	331	641	293	152	37	23	1	...	217
20 to 24 percent	1 274	167	136	208	407	209	62	60	17	8	...	215
25 to 29 percent	1 036	119	104	177	273	185	111	30	29	8	...	218
30 to 34 percent	592	47	81	132	163	87	39	11	23	9	...	216
35 to 49 percent	1 067	15	162	182	412	184	65	21	11	15	...	221
50 percent or more	1 056	1	64	315	335	194	90	25	17	15	...	229
Not computed	523	—	14	23	11	2	20	—	—	—	453	197
Median	21.7	21.6	19.3	19.5	22.0	23.0	25.4	22.8	25.9	32.5	...	...
SELECTED CHARACTERISTICS												
Heating equipment	9 713	589	1 159	2 117	2 872	1 467	611	227	149	69	453	213
Central heating system	7 713	498	691	1 417	2 401	1 348	540	204	149	59	406	222
Air conditioning	2 263	65	205	367	866	384	157	36	59	34	92	228
Central system	260	14	16	32	91	45	5	12	20	15	10	237

Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	25 350	1 286	3 231	1 326	1 342	4 056	4 565	5 926	2 461	1 157	21 481	23 561	795
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	20 156	248	1 640	873	970	3 294	4 153	5 595	2 312	1 071	23 618	26 177	337
15 to 24 years	506	14	23	11	18	136	165	130	9	—	21 518	20 890	25
25 to 34 years	4 356	45	51	91	241	1 065	1 277	1 248	245	93	22 457	23 894	54
35 to 44 years	4 144	29	80	66	107	724	875	1 549	542	172	25 888	27 743	74
45 to 64 years	7 746	53	293	218	207	922	1 508	2 438	1 403	704	26 924	31 101	102
65 years and over	3 404	107	1 193	487	397	447	328	230	113	102	12 064	16 770	82
Male householder, no wife present	1 663	208	342	137	168	342	188	158	68	52	14 650	16 935	123
15 to 24 years	143	14	16	20	14	46	12	8	7	6	15 605	17 332	7
25 to 34 years	301	16	17	7	62	85	29	59	15	11	17 719	21 348	18
35 to 44 years	188	9	24	16	11	45	22	32	15	14	19 141	24 427	9
45 to 64 years	425	50	39	21	50	103	89	43	22	8	17 051	17 816	51
65 years and over	606	119	246	73	31	63	36	16	9	13	8 278	11 708	38
Female householder, no husband present	3 531	830	1 249	316	204	420	224	173	81	34	8 600	11 753	335
15 to 24 years	36	2	11	6	—	5	8	—	4	—	12 083	16 177	2
25 to 34 years	216	29	53	42	14	42	22	5	7	2	11 548	13 151	40
35 to 44 years	233	13	49	23	24	56	17	44	2	5	15 815	18 398	33
45 to 64 years	994	127	305	89	107	173	65	78	35	15	11 826	14 446	105
65 years and over	2 052	659	831	156	59	144	112	46	33	12	6 896	9 469	155
Median age	50.8	73.2	70.6	66.0	58.5	42.5	43.2	44.3	49.7	51.2	...	...	53.9
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 150	47	118	100	121	447	463	605	172	77	22 772	24 436	67
1975 to 1978	6 046	158	335	201	315	1 153	1 347	1 740	571	226	23 096	24 679	189
1970 to 1974	4 113	115	349	170	198	780	901	1 010	425	165	22 117	24 399	95
1960 to 1969	5 864	211	629	306	239	830	983	1 640	650	376	23 506	25 820	152
1959 or earlier	7 177	755	1 800	549	469	846	871	931	643	313	15 097	20 032	292
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	25 119	1 234	3 151	1 313	1 320	4 029	4 552	5 908	2 455	1 157	21 569	23 669	764
1.01 or more persons per room	317	—	19	23	12	82	59	82	27	13	21 815	25 591	33
Lacking complete plumbing for exclusive use	231	52	80	13	22	27	13	18	6	—	9 063	11 806	31
1.01 or more persons per room	2	—	—	—	—	—	—	—	2	—	35 472	39 325	—
Heating equipment	25 345	1 286	3 231	1 326	1 337	4 056	4 565	5 926	2 461	1 157	21 484	23 563	795
Central heating system	23 953	1 143	2 991	1 251	1 254	3 818	4 339	5 681	2 355	1 121	21 650	23 791	692
Air conditioning	6 432	180	674	279	388	1 018	1 166	1 587	759	381	22 773	26 195	131
Central system	1 607	35	110	81	81	188	270	402	264	176	25 891	30 687	34
Vehicles available	23 994	779	2 600	1 245	1 315	3 998	4 532	5 916	2 452	1 157	22 153	24 484	595
1	8 932	584	2 053	847	903	1 845	1 478	1 009	206	107	15 446	16 471	315
2 or more	15 062	195	547	398	512	2 153	3 054	4 907	2 246	1 050	25 972	29 235	280
House heating fuel	25 345	1 286	3 231	1 326	1 337	4 056	4 565	5 926	2 461	1 157	21 484	23 563	795
Utility gas	17 096	872	2 279	909	951	2 757	3 017	3 980	1 541	790	21 173	23 495	479
Bottled, tank, or LP gas	1 066	73	144	55	60	176	186	208	122	42	20 573	22 098	52
Electricity	785	18	53	16	41	151	125	237	86	58	24 666	27 098	25
Fuel oil, kerosene, etc.	5 958	308	728	319	264	863	1 141	1 411	667	257	22 223	23 633	222
Other	440	15	27	27	21	109	96	90	45	10	21 029	22 506	17
Median rooms	6.0	5.4	5.5	5.6	5.7	5.9	6.0	6.3	6.8	7.5	...	...	5.7
Specified owner-occupied housing units	20 383	956	2 468	908	1 067	3 194	3 852	4 982	2 041	915	21 979	23 975	560
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	11 426	169	352	321	441	2 094	2 639	3 557	1 291	562	24 387	26 583	228
Less than \$200	523	38	50	21	32	91	145	108	38	—	21 341	20 822	29
\$200 to \$249	1 145	17	41	45	77	292	241	325	64	43	21 809	23 622	39
\$250 to \$299	1 847	19	97	91	89	392	464	477	157	61	21 930	23 721	29
\$300 to \$349	1 979	34	17	49	59	454	571	538	179	78	23 044	25 606	40
\$350 to \$399	1 556	24	54	47	37	293	352	557	164	28	24 426	25 068	24
\$400 to \$499	2 250	21	45	41	84	346	508	861	256	88	25 692	26 842	32
\$500 to \$599	1 215	12	21	24	27	145	240	412	248	86	27 158	30 392	19
\$600 to \$749	588	3	27	—	22	54	107	197	120	58	28 378	31 533	15
\$750 or more	323	1	—	3	14	27	11	82	65	120	31 244	50 917	1
Median	\$357	\$315	\$294	\$304	\$319	\$330	\$341	\$380	\$414	\$474	...	...	\$321
Not mortgaged	8 957	787	2 116	587	626	1 100	1 213	1 425	750	353	16 498	20 648	332
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	50	27	13	3	2	5	—	—	—	—	4 815	6 949	2
\$75 to \$99	331	80	109	47	37	30	7	5	16	—	8 848	10 669	32
\$100 to \$124	1 476	210	568	140	127	142	135	97	37	20	9 524	12 966	75
\$125 to \$149	2 809	237	835	200	211	421	340	311	193	61	14 070	18 544	113
\$150 to \$199	2 953	198	474	170	186	330	549	682	285	79	21 066	21 574	87
\$200 to \$249	878	28	79	20	28	131	134	244	153	61	25 880	27 253	16
\$250 or more	460	7	38	7	35	41	48	86	66	132	30 872	48 258	7
Median	\$148	\$133	\$136	\$138	\$142	\$147	\$161	\$172	\$173	\$214	...	...	\$138
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	11 426	169	352	321	441	2 094	2 639	3 557	1 291	562	24 387	26 583	228
Less than 15 percent	3 477	—	—	—	14	141	566	1 408	868	480	31 550	36 713	—
15 to 19 percent	3 028	—	5	2	66	491	911	1 232	264	57	25 197	26 198	—
20 to 24 percent	2 183	—	23	55	92	639	630	619	104	21	22 018	23 005	8
25 to 29 percent	1 124	—	24	70	68	387	328	197	48	2	20 170	21 085	2
30 to 34 percent	571	5	24	63	54	231	127	61	4	2	17 842	18 381	11
35 percent or more	1 038	159	276	131	147	205	77	40	3	—	11 603	11 892	202
Not computed	5	5	—	—	—	—	—	—	—	—	2500—	—	5
Median	18.7	50+	49.0	32.7	28.6	23.2	19.1	16.5	13.0	10—	...	...	50+
Not mortgaged	8 957	787	2 116	587	626	1 100	1 213	1 425	750	353	16 498	20 648	332
Less than 10 percent	3 577	—	7	6	60	345	844	1 243	724	348	28 361	33 804	—
10 to 14 percent	1 975	6	104	263	433	631	330	182	26	—	16 204	17 308	3
15 to 19 percent	1 066	6	591	252	89	100	28	—	—	—	9 659	10 725	4
20 to 24 percent	851	17	721	54	25	23	11	—	—	—	7 949	8 257	2
25 to 29 percent	459	68	366	5	19	—	—	—	—	—	6 583	6 724	18
30 to 34 percent	348	147	198	3	—	—	—	—	—	—	5 409	5 494	24
35 percent or more	661	528	129	4	—	—	—	—	—	—	3 852	3 962	266
Not computed	20	15	—	—	—	—	—	—	—	5	2500—	188 233	15
Median	12.3	41.4	22.5	15.5	12.9	11.6	10—	10—	10—	10—	...	...	50+

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	10 134	1 836	2 338	1 020	1 066	1 722	1 119	696	234	103	12 189	14 201	1 151
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	3 958	136	719	333	445	858	795	507	116	49	16 961	17 966	197
15 to 24 years	881	31	140	91	139	222	154	104	—	—	15 803	16 232	60
25 to 34 years	1 342	30	97	86	176	346	379	201	15	12	18 981	19 255	57
35 to 44 years	356	10	28	26	32	55	120	61	14	10	21 144	21 378	23
45 to 64 years	697	22	85	40	49	151	112	126	87	25	20 069	23 004	26
65 years and over	682	43	369	90	49	84	30	15	—	2	9 159	10 739	31
Male householder, no wife present	2 100	378	334	220	268	451	185	134	89	41	13 601	16 707	217
15 to 24 years	664	85	83	104	91	132	61	68	26	14	14 148	20 834	69
25 to 34 years	585	52	75	54	114	147	75	27	29	12	14 945	17 417	46
35 to 44 years	264	22	38	21	13	84	34	24	23	5	16 979	17 906	23
45 to 64 years	329	81	50	28	37	88	14	14	9	8	12 872	14 177	51
65 years and over	258	138	88	13	13	—	1	1	2	2	4 828	6 471	28
Female householder, no husband present	4 076	1 322	1 285	467	353	413	139	55	29	13	7 613	9 255	737
15 to 24 years	787	247	250	94	68	105	9	14	—	—	8 083	8 728	249
25 to 34 years	856	93	281	191	100	112	43	15	14	7	10 707	12 200	108
35 to 44 years	326	38	67	47	53	70	27	8	10	6	13 019	14 127	38
45 to 64 years	698	136	250	76	90	97	37	7	5	—	8 733	10 220	103
65 years and over	1 409	808	437	59	42	29	23	11	—	—	4 653	6 153	239
Median age	34.7	67.0	55.6	29.4	30.3	29.8	29.7	30.5	41.8	41.5	...	...	34.2
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	3 949	614	828	442	491	723	419	304	95	33	12 961	15 080	478
1975 to 1978	3 349	597	680	333	360	637	414	232	64	32	12 948	14 139	335
1970 to 1974	1 334	256	400	119	111	178	152	76	25	17	10 231	13 002	132
1960 to 1969	692	176	212	49	54	81	69	24	17	10	9 028	12 437	71
1959 or earlier	810	193	218	77	50	103	65	60	33	11	9 864	13 655	135
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	9 807	1 704	2 260	998	1 046	1 675	1 100	695	228	101	12 353	14 355	1 072
0.50 or less	7 012	1 505	1 843	764	647	1 096	620	363	132	42	10 517	12 958	752
0.51 to 1.00	2 680	187	397	226	381	576	448	314	96	55	16 089	17 829	289
1.01 to 1.50	95	9	14	1	18	3	32	18	—	—	20 417	18 240	28
1.51 or more	20	3	6	7	—	—	—	—	—	4	10 357	20 234	3
Lacking complete plumbing for exclusive use	327	132	78	22	20	47	19	1	6	2	7 188	9 578	79
0.50 or less	222	110	43	10	14	37	6	—	—	2	5 167	8 139	61
0.51 to 1.00	103	22	35	12	4	10	13	1	6	—	9 018	12 591	18
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	2	—	—	—	2	—	—	—	—	—	13 750	14 110	—
SELECTED CHARACTERISTICS													
Heating equipment	10 133	1 836	2 337	1 020	1 066	1 722	1 119	696	234	103	12 190	14 202	1 151
Central heating system	8 078	1 439	1 810	812	839	1 353	918	598	206	103	12 432	14 668	901
Air conditioning	2 331	366	534	222	241	404	276	183	66	39	12 951	16 583	221
Central system	264	47	76	14	21	31	19	38	4	14	11 607	15 537	17
Vehicles available	8 170	869	1 676	882	976	1 644	1 113	679	234	97	14 185	15 989	683
1	5 170	763	1 417	707	724	904	363	191	76	25	11 432	13 194	540
2 or more	3 000	106	259	175	252	740	750	488	158	72	19 763	20 805	143
House heating fuel	10 133	1 836	2 337	1 020	1 066	1 722	1 119	696	234	103	12 190	14 202	1 151
Utility gas	7 418	1 316	1 778	696	818	1 307	838	443	173	49	12 209	13 535	870
Bottled, tank, or LP gas	351	66	64	37	49	44	39	41	4	7	12 934	14 843	61
Electricity	912	250	214	93	92	115	60	51	18	19	9 843	16 794	98
Fuel oil, kerosene, etc.	1 348	170	253	191	104	234	176	157	35	28	13 942	16 180	89
Other	104	34	28	3	3	22	6	4	4	—	8 214	11 237	33
Median rooms	4.4	3.7	4.3	4.4	4.5	4.8	4.7	5.2	5.0	5.3	...	...	4.3
Specified renter-occupied housing units	9 714	1 780	2 258	989	1 051	1 649	1 069	629	205	84	12 070	13 953	1 102
CONTRACT RENT													
Less than \$100	1 587	763	306	118	134	148	89	13	16	—	5 408	8 664	295
\$100 to \$149	2 315	409	667	251	207	405	225	122	22	7	10 812	12 430	291
\$150 to \$199	3 057	355	680	364	418	599	313	260	51	17	13 275	14 331	310
\$200 to \$249	1 586	156	378	172	174	264	265	115	46	16	13 750	15 222	129
\$250 to \$299	497	35	77	40	72	99	98	53	23	—	16 004	17 057	43
\$300 to \$349	109	2	18	2	—	31	17	18	21	—	20 250	23 147	2
\$350 to \$399	50	—	4	—	7	9	1	14	4	11	30 000	31 410	—
\$400 to \$499	39	—	—	1	8	4	—	11	12	3	26 806	29 705	—
\$500 or more	21	—	3	—	—	—	9	—	—	5	23 472	33 859	—
No cash rent	453	60	125	41	27	90	52	23	10	25	12 546	23 453	32
Median	\$158	\$110	\$155	\$159	\$170	\$162	\$172	\$182	\$227	\$213	...	...	\$141
GROSS RENT													
Less than \$100	590	450	51	38	29	6	10	—	6	—	4 086	5 830	132
\$100 to \$149	1 159	333	379	117	78	159	85	—	8	—	8 149	9 747	168
\$150 to \$199	2 117	437	501	225	248	329	226	98	51	2	11 339	12 569	273
\$200 to \$249	2 872	310	785	309	346	620	264	188	44	6	12 731	13 454	252
\$250 to \$299	1 467	127	281	174	178	270	211	196	7	23	14 628	16 425	144
\$300 to \$349	611	47	97	67	99	76	128	60	28	9	14 886	17 260	71
\$350 to \$399	227	14	21	11	11	51	68	30	21	—	20 246	20 327	26
\$400 to \$499	149	2	15	6	16	41	15	19	29	6	19 526	24 350	4
\$500 or more	69	—	3	1	19	7	10	15	1	13	23 625	29 711	—
No cash rent	453	60	125	41	27	90	52	23	10	25	12 546	23 453	32
Median	\$213	\$156	\$208	\$212	\$223	\$221	\$233	\$254	\$243	\$297	...	...	\$190
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	2 377	14	31	106	171	597	672	539	188	59	21 914	23 771	—
15 to 19 percent	1 789	91	167	178	330	691	275	50	7	—	15 730	15 497	36
20 to 24 percent	1 274	163	249	308	306	178	60	10	—	—	11 826	11 613	37
25 to 29 percent	1 036	163	411	212	168	74	1	7	—	—	9 519	9 796	67
30 to 34 percent	592	96	355	95	25	12	9	—	—	—	7 950	8 233	66
35 to 49 percent	1 067	276	723	48	13	7	—	—	—	—	6 370	6 555	135
50 percent or more	1 056	847	197	1	11	—	—	—	—	—	3 648	3 734	659
Not computed	523	130	125	41	27	90	52	23	10	25	10 396	20 191	102
Median	21.7	50+	32.9	23.1	20.2	16.3	13.3	11.6	10—	10—	...	...	50+

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	11 426	523	1 145	1 847	1 979	1 556	2 250	1 215	588	323	357
PERSONS IN UNIT											
1 person	395	55	63	97	21	63	60	18	18	—	291
2 persons	2 299	141	270	363	321	272	532	281	65	54	360
3 persons	2 317	106	269	361	422	306	418	230	127	78	350
4 persons	3 274	94	262	574	607	480	643	328	218	68	360
5 persons	2 013	116	155	288	372	300	388	224	93	77	363
6 persons	779	6	96	113	153	91	143	99	48	30	362
7 persons	245	5	11	32	58	43	47	22	11	16	369
8 or more persons	104	—	19	19	25	1	19	13	8	—	328
Median	3.71	3.12	3.39	3.68	3.87	3.79	3.68	3.74	3.89	3.93	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	10 340	399	1 006	1 601	1 859	1 391	2 088	1 142	551	303	361
15 to 24 years	389	5	22	49	29	64	161	45	12	2	412
25 to 34 years	3 626	70	209	483	681	595	824	487	198	79	381
35 to 44 years	3 060	96	253	510	525	417	604	327	237	91	368
45 to 64 years	3 152	221	497	525	613	311	477	279	98	131	327
65 years and over	113	7	25	34	11	4	22	4	6	—	286
Male householder, no wife present	431	44	63	56	55	39	106	47	11	10	348
15 to 24 years	77	3	—	5	14	10	28	14	3	—	436
25 to 34 years	126	16	9	12	13	10	43	11	4	8	409
35 to 44 years	117	—	21	20	15	17	24	16	2	2	357
45 to 64 years	87	9	27	17	13	2	11	6	2	—	272
65 years and over	24	16	6	2	—	—	—	—	—	—	186
Female householder, no husband present	655	80	76	190	65	126	56	26	26	10	295
15 to 24 years	19	4	2	5	8	—	—	—	—	—	285
25 to 34 years	144	12	13	30	12	37	14	13	13	—	357
35 to 44 years	161	6	23	23	24	40	31	5	2	7	356
45 to 64 years	261	33	36	111	12	41	11	8	6	3	278
65 years and over	70	25	2	21	9	8	—	—	5	—	269
Median age	38.5	48.3	45.6	40.6	38.4	36.0	35.7	35.9	37.4	41.9	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	1 477	41	15	52	114	132	486	374	190	73	478
1975 to 1978	4 310	77	196	488	797	785	1 050	529	256	132	388
1970 to 1974	2 558	102	250	605	571	353	390	157	79	51	328
1960 to 1969	2 537	251	578	574	409	252	231	135	50	57	288
1959 or earlier	544	52	106	128	88	34	93	20	13	10	295
ROOMS											
1 to 3 rooms	36	—	16	3	—	7	—	10	—	—	283
4 rooms	381	67	86	76	49	9	63	13	14	4	275
5 rooms	2 609	161	292	552	550	365	465	156	64	4	327
6 rooms	3 274	128	400	548	614	487	617	292	141	47	346
7 rooms	2 539	102	211	389	423	351	593	307	114	49	371
8 or more rooms	2 587	65	140	279	343	337	512	437	255	219	424
Median	6.3	5.8	5.9	6.0	6.1	6.3	6.5	6.9	7.2	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980	1 773	37	23	61	190	249	570	347	193	103	454
1970 to 1974	1 401	20	52	223	311	212	277	143	106	57	372
1960 to 1969	1 791	52	197	344	335	212	296	181	109	65	345
1950 to 1959	1 117	85	175	216	183	138	215	45	29	31	323
1940 to 1949	1 152	81	123	172	209	106	288	140	22	11	348
1939 or earlier	4 192	248	575	831	751	639	604	359	129	56	329
VALUE											
Less than \$10,000	1	—	—	1	—	—	—	—	—	—	275
\$10,000 to \$19,999	209	60	53	52	14	11	19	—	—	—	242
\$20,000 to \$29,999	899	86	289	247	152	86	26	10	3	—	265
\$30,000 to \$39,999	1 856	153	287	489	404	209	233	65	16	—	300
\$40,000 to \$49,999	2 705	121	309	468	611	438	584	134	40	—	337
\$50,000 to \$59,999	2 195	68	122	378	412	314	521	309	60	11	369
\$60,000 to \$79,999	2 496	33	81	205	304	405	642	474	296	56	429
\$80,000 to \$99,999	638	2	4	6	49	81	179	140	96	81	499
\$100,000 to \$149,999	349	—	—	—	33	12	38	83	73	110	617
\$150,000 or more	78	—	—	1	—	—	8	—	4	65	750+
Median	\$50 200	\$37 800	\$38 100	\$42 900	\$47 400	\$51 100	\$54 200	\$62 600	\$72 200	\$104 800	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	3 477	390	722	882	612	325	294	156	41	55	286
15 to 19 percent	3 028	31	291	493	722	543	663	199	46	40	348
20 to 24 percent	2 183	42	65	239	425	336	580	293	163	40	398
25 to 29 percent	1 124	19	85	105	166	336	250	90	59	59	440
30 to 34 percent	571	13	2	44	50	61	159	130	82	30	468
35 percent or more	1 038	33	46	104	65	120	218	187	166	99	468
Not computed	5	—	—	—	—	5	—	—	—	—	375
Median	18.7	10—	13.3	15.4	17.6	19.1	21.4	24.3	27.4	27.2	...
SELECTED CHARACTERISTICS											
Heating equipment	11 421	523	1 140	1 847	1 979	1 556	2 250	1 215	588	323	357
Steam or hot water system	1 704	37	106	189	276	274	387	222	107	106	395
Central warm-air furnace or electric heat pump	8 669	410	937	1 546	1 557	1 155	1 637	869	394	164	346
Other built-in electric units	385	8	8	12	25	64	112	73	44	39	471
Floor, wall, or pipeless furnace	140	16	33	30	25	6	14	12	4	—	285
Other means	523	52	56	70	96	57	100	39	39	14	343
Air conditioning	2 788	139	253	456	472	364	517	304	173	110	360
Central system	661	2	9	76	65	76	147	127	86	73	470
1 or more individual room units	1 127	137	244	380	407	288	370	177	87	37	337
House heating fuel	11 421	523	1 140	1 847	1 979	1 556	2 250	1 215	588	323	357
Utility gas	7 985	403	925	1 479	1 465	1 058	1 413	693	337	212	340
Bottled, tank, or LP gas	336	14	13	22	56	55	91	63	16	6	408
Electricity	464	12	8	16	29	64	134	91	62	48	477
Fuel oil, kerosene, etc.	2 403	67	180	294	396	358	539	357	158	54	387
Other	233	27	14	36	33	21	73	11	15	3	365

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	8 957	—	50	331	1 476	2 809	2 953	878	460	148
PERSONS IN UNIT										
1 person -----	2 133	—	36	171	532	761	442	139	52	136
2 persons -----	4 372	—	14	145	779	1 464	1 463	290	217	146
3 persons -----	1 135	—	—	5	104	331	463	160	72	164
4 persons -----	718	—	—	—	35	150	319	170	44	177
5 persons -----	388	—	—	8	7	69	180	78	46	181
6 persons -----	162	—	—	2	11	26	68	33	22	181
7 persons -----	47	—	—	—	8	8	18	8	5	171
8 or more persons -----	2	—	—	—	—	—	—	—	2	250+
Median -----	2.04	—	1.19	1.47	1.76	1.94	2.21	2.56	2.32	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	6 147	—	7	118	814	1 811	2 330	691	376	157
15 to 24 years -----	14	—	—	—	—	—	7	7	—	200
25 to 34 years -----	158	—	—	5	5	52	74	20	2	161
35 to 44 years -----	437	—	—	8	38	90	187	75	39	172
45 to 64 years -----	3 011	—	—	25	241	812	1 267	453	213	167
65 years and over -----	2 527	—	7	80	530	857	795	136	122	144
Male householder, no wife present -----	661	—	—	61	167	242	155	19	17	136
15 to 24 years -----	7	—	—	—	—	—	—	—	—	175
25 to 34 years -----	29	—	—	14	6	7	2	2	—	102
35 to 44 years -----	29	—	—	16	—	5	—	—	3	98
45 to 64 years -----	179	—	—	3	43	77	41	8	7	139
65 years and over -----	417	—	—	28	118	160	95	9	7	135
Female householder, no husband present -----	2 149	—	43	152	495	756	468	168	67	138
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	17	—	2	9	—	—	2	—	2	93
35 to 44 years -----	30	—	—	2	4	10	7	6	1	147
45 to 64 years -----	505	—	3	46	77	176	111	62	30	143
65 years and over -----	1 597	—	38	95	414	570	348	98	34	136
Median age -----	65.2	—	80.8	68.9	69.9	66.8	61.6	57.5	61.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	237	—	3	14	34	56	87	19	24	157
1975 to 1978 -----	644	—	—	22	51	181	268	80	42	163
1970 to 1974 -----	872	—	2	24	86	254	346	101	59	160
1960 to 1969 -----	2 489	—	11	43	335	672	936	324	168	160
1959 or earlier -----	4 715	—	34	228	970	1 646	1 316	354	167	142
ROOMS										
1 to 3 rooms -----	123	—	22	30	36	8	19	8	—	107
4 rooms -----	1 000	—	17	93	335	353	181	6	15	129
5 rooms -----	2 635	—	5	85	454	902	943	219	27	146
6 rooms -----	2 718	—	—	83	408	875	1 011	238	103	150
7 rooms -----	1 413	—	6	26	158	417	463	219	124	161
8 or more rooms -----	1 068	—	—	14	85	254	336	188	191	177
Median -----	5.8	—	3.7	5.0	5.3	5.7	5.8	6.4	7.2	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	268	—	3	12	25	48	117	35	28	170
1970 to 1974 -----	424	—	—	—	20	86	219	57	42	174
1960 to 1969 -----	1 559	—	—	14	122	357	638	303	125	172
1950 to 1959 -----	1 863	—	10	54	246	575	691	192	95	153
1940 to 1949 -----	930	—	4	48	202	353	224	87	12	140
1939 or earlier -----	3 913	—	33	203	861	1 390	1 064	204	158	140
VALUE										
Less than \$10,000 -----	33	—	—	8	15	5	—	—	—	114
\$10,000 to \$19,999 -----	417	—	24	71	135	122	61	2	2	121
\$20,000 to \$29,999 -----	1 282	—	9	111	389	506	224	34	9	132
\$30,000 to \$39,999 -----	1 957	—	2	94	544	816	391	95	15	135
\$40,000 to \$49,999 -----	2 145	—	6	40	308	775	830	142	44	148
\$50,000 to \$59,999 -----	1 555	—	—	5	47	454	786	206	57	167
\$60,000 to \$79,999 -----	1 122	—	3	2	38	113	583	288	95	185
\$80,000 to \$99,999 -----	272	—	6	—	—	10	69	84	103	230
\$100,000 to \$149,999 -----	149	—	—	—	—	8	4	27	110	250+
\$150,000 or more -----	25	—	—	—	—	—	—	—	25	250+
Median -----	\$43 200	—	\$20 400	\$27 600	\$33 500	\$39 400	\$49 500	\$56 600	\$81 300	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	3 577	—	17	98	446	1 071	1 411	362	172	156
10 to 14 percent -----	1 975	—	12	106	276	552	622	284	123	153
15 to 19 percent -----	1 066	—	6	24	290	385	222	96	43	139
20 to 24 percent -----	851	—	13	27	197	317	223	24	50	140
25 to 29 percent -----	459	—	2	29	94	155	135	24	20	142
30 to 34 percent -----	348	—	—	28	88	118	72	23	19	137
35 percent or more -----	661	—	—	11	85	206	264	62	33	155
Not computed -----	20	—	—	8	—	5	4	3	—	135
Median -----	12.3	—	13.3	13.0	15.3	13.0	10.5	11.3	12.4	...
SELECTED CHARACTERISTICS										
Heating equipment -----	8 957	—	50	331	1 476	2 809	2 953	878	460	148
Steam or hot water system -----	1 416	—	6	26	143	289	466	266	220	176
Central warm-air furnace or electric heat pump -----	7 013	—	20	226	1 218	2 412	2 336	577	224	146
Other built-in electric units -----	112	—	—	—	11	11	66	12	12	176
Floor, wall, or pipeless furnace -----	79	—	2	27	27	11	10	2	—	110
Other means -----	337	—	22	52	77	86	75	21	4	130
Air conditioning -----	2 491	—	—	110	303	721	911	284	162	156
Central system -----	715	—	—	5	49	153	295	126	87	176
1 or more individual room units -----	1 776	—	—	105	254	568	616	158	75	148
House heating fuel -----	8 957	—	50	331	1 476	2 809	2 953	878	460	148
Utility gas -----	6 673	—	43	288	1 225	2 298	2 953	474	263	144
Bottled, tank, or LP gas -----	242	—	—	7	45	53	75	43	19	161
Electricity -----	141	—	—	—	13	18	66	14	30	180
Fuel oil, kerosene, etc. -----	1 860	—	7	32	190	426	716	341	148	169
Other -----	41	—	—	4	3	14	14	6	—	149

Table A—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	25 350	2 508	2 288	3 830	5 487	11 237	10 134	953	903	931	1 741	5 606
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	20 156	2 259	1 998	3 304	4 245	8 350	3 958	311	295	363	703	2 286
15 to 24 years	506	130	69	32	124	151	881	57	51	46	277	450
25 to 34 years	4 356	895	594	332	783	1 752	1 342	92	109	116	219	806
35 to 44 years	4 144	586	624	808	635	1 491	356	16	17	33	65	225
45 to 64 years	7 746	541	562	1 643	1 769	3 231	697	84	38	62	71	442
65 years and over	3 404	107	149	489	934	1 725	682	62	80	106	71	363
Male householder, no wife present	1 663	142	152	195	345	829	2 100	273	173	157	375	1 122
15 to 24 years	143	35	13	15	30	50	664	132	38	33	93	368
25 to 34 years	301	43	56	39	42	121	585	78	46	23	159	279
35 to 44 years	188	19	22	28	37	82	264	33	25	50	46	110
45 to 64 years	425	31	41	54	77	222	329	7	27	13	51	231
65 years and over	606	14	20	59	159	354	258	23	37	38	26	134
Female householder, no husband present	3 531	107	138	331	897	2 058	4 076	369	435	411	663	2 198
15 to 24 years	36	7	—	6	5	18	787	53	31	44	201	458
25 to 34 years	216	39	29	12	49	87	856	62	53	73	221	447
35 to 44 years	233	8	35	32	50	108	326	13	46	15	48	204
45 to 64 years	994	37	33	104	300	520	698	29	63	75	86	445
65 years and over	2 052	16	41	177	493	1 325	1 409	212	242	204	107	644
Median age	50.8	36.3	39.7	50.7	55.9	54.2	34.7	35.3	49.3	52.6	28.4	35.0
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	2 150	688	184	236	371	671	3 949	595	361	296	821	1 876
1975 to 1978	6 046	1 820	620	544	1 094	1 968	3 349	358	336	346	616	1 693
1970 to 1974	4 113	—	1 484	526	564	1 539	1 334	—	206	181	161	786
1960 to 1969	5 864	—	—	2 524	1 094	2 246	692	—	—	108	53	531
1959 or earlier	7 177	—	—	—	2 364	4 813	810	—	—	—	90	720
ROOMS												
1 room	—	—	—	—	—	—	166	14	12	7	25	108
2 rooms	26	2	—	2	4	18	378	96	51	48	56	127
3 rooms	230	13	8	24	55	130	1 632	340	195	181	279	637
4 rooms	2 162	165	194	300	828	675	3 046	310	381	394	563	1 398
5 rooms	6 494	853	747	1 203	1 876	1 815	2 750	121	155	152	499	1 823
6 rooms	6 953	626	652	1 073	1 515	3 087	1 278	41	72	78	200	887
7 or more rooms	9 485	849	687	1 228	1 209	5 512	884	31	37	71	119	626
Median	6.0	5.9	5.8	5.9	5.5	6.5	4.4	3.6	4.0	4.1	4.4	4.8
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	25 119	2 508	2 283	3 816	5 470	11 042	9 807	934	896	921	1 713	5 343
0.50 or less	15 907	1 296	1 117	2 274	3 637	7 583	7 012	714	647	714	1 203	3 734
0.51 to 1.00	8 895	1 200	1 121	1 486	1 765	3 323	2 680	208	238	202	489	1 543
1.01 to 1.50	302	12	45	55	122	12	75	12	8	5	9	61
1.51 or more	15	—	—	1	—	14	20	—	3	—	12	5
Lacking complete plumbing for exclusive use	231	—	5	14	17	195	327	19	7	10	28	263
0.50 or less	176	—	—	14	17	145	222	19	7	10	20	166
0.51 to 1.00	53	—	5	—	—	48	103	—	—	—	8	95
1.01 to 1.50	2	—	—	—	—	2	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	2	—	—	—	—	2
PERSONS IN UNIT												
1 person	3 359	98	171	374	826	1 890	4 257	522	459	439	687	2 150
2 persons	8 363	732	535	1 328	2 193	3 575	2 902	280	210	292	504	1 616
3 persons	4 371	518	420	680	876	1 877	1 458	107	86	99	319	847
4 persons	4 715	673	601	694	915	1 832	917	23	116	82	133	563
5 persons	2 859	381	405	462	463	1 148	384	6	23	14	67	274
6 or more persons	1 683	106	156	292	214	915	216	15	9	5	31	156
Median	2.72	3.32	3.53	2.81	2.37	2.58	1.78	1.41	1.48	1.59	1.86	1.90
Total persons	77 405	8 692	8 076	11 959	14 901	33 777	21 336	1 664	1 736	1 779	3 670	12 487
UNITS IN STRUCTURE												
1, detached or attached	23 198	2 281	2 004	3 637	5 379	9 897	1 933	85	100	189	353	1 206
2	1 489	29	50	57	90	1 263	5 059	128	215	201	1 005	3 510
3 and 4	89	18	4	2	4	61	969	125	58	98	169	519
5 to 9	10	—	—	5	—	5	510	97	99	60	81	173
10 to 49	38	17	12	—	4	5	1 115	383	228	251	110	143
50 or more	—	—	—	—	—	—	473	126	187	98	7	55
Mobile home or trailer, etc.	526	163	218	129	10	6	75	9	16	34	16	—
SELECTED CHARACTERISTICS												
Heating equipment	25 345	2 508	2 288	3 830	5 487	11 232	10 133	953	903	931	1 741	5 605
Steam or hot water system	4 221	234	227	839	738	2 183	2 092	58	300	345	297	1 092
Central warm-air furnace or electric heat pump	18 757	1 744	1 869	2 783	4 508	7 853	4 865	310	416	489	961	2 689
Other built-in electric units	652	382	88	78	25	79	754	534	112	23	47	38
Floor, wall, or pipeless furnace	323	15	13	21	41	233	367	39	14	14	62	238
Other means	1 392	133	91	109	175	884	2 055	12	61	60	374	1 548
Air conditioning	6 432	546	618	1 128	1 636	2 504	2 331	466	395	358	280	832
Central system	1 607	360	271	410	324	242	264	89	56	37	18	64
1 or more individual room units	4 825	186	347	718	1 312	2 262	2 067	377	339	321	262	768
House heating fuel	25 345	2 508	2 288	3 830	5 487	11 232	10 133	953	903	931	1 741	5 605
Utility gas	17 096	1 155	1 741	2 971	3 902	7 327	7 418	284	711	730	1 332	4 353
Bottled, tank, or LP gas	1 066	110	116	165	108	567	351	16	20	50	71	204
Electricity	785	178	109	88	29	81	912	617	122	47	71	55
Fuel oil, kerosene, etc.	5 958	690	277	564	1 406	3 021	1 348	50	81	269	913	395
Other	440	75	45	42	42	236	104	—	—	15	8	80
Income in 1979 below poverty level	795	62	30	84	198	421	1 151	104	92	92	179	684
Percent below poverty level	3.1	2.5	1.3	2.2	3.6	3.7	11.4	10.9	10.2	9.9	10.3	12.2
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 286	44	42	108	322	770	1 836	251	246	175	202	962
\$5,000 to \$9,999	3 231	91	136	383	747	1 874	2 338	215	199	249	366	1 309
\$10,000 to \$12,499	1 326	77	73	129	316	731	1 020	99	58	74	211	578
\$12,500 to \$14,999	1 342	104	101	164	330	643	1 066	77	87	81	255	566
\$15,000 to \$19,999	4 056	421	457	541	910	1 727	1 722	123	131	141	321	1 006
\$20,000 to \$24,999	4 565	524	519	666	1 003	1 853	1 119	85	97	131	212	594
\$25,000 to \$34,999	5 926	881	609	1 106	1 191	2 139	696	45	54	51	151	395
\$35,000 to \$49,999	2 461	266	252	455	480	1 008	234	27	19	17	14	157
\$50,000 or more	1 157	100	99	278	188	492	103	31	12	12	9	39
Median	\$21 481	\$24 941	\$22 860	\$24 417	\$20 511	\$19 643	\$12 189	\$10 265	\$10 280	\$11 402	\$13 397	\$12 301
Mean	\$23 561	\$26 169	\$25 460	\$26 763	\$21 876	\$22 324	\$14 201	\$17 765	\$13 198	\$13 469	\$14 294	\$13 850

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	25 350	23 198	1 626	526	10 134	1 933	5 059	969	510	1 115	473	75
Condominium housing units	37	15	22	—	75	—	7	25	—	43	—	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	20 156	18 824	1 020	312	3 958	1 136	2 140	262	81	220	88	31
15 to 24 years	506	424	37	45	881	140	607	62	17	19	22	14
25 to 34 years	4 356	4 057	203	96	1 342	413	730	99	41	36	20	3
35 to 44 years	4 144	3 967	121	56	356	173	157	24	—	—	—	2
45 to 64 years	7 746	7 303	396	47	697	258	343	27	7	48	6	8
65 years and over	3 404	3 073	263	68	682	152	303	50	16	117	40	4
Male householder, no wife present	1 663	1 296	222	145	2 100	317	882	263	193	321	100	24
15 to 24 years	143	89	16	38	664	56	307	87	63	118	20	13
25 to 34 years	301	191	64	46	585	112	263	60	48	80	22	—
35 to 44 years	188	160	16	12	264	19	102	30	39	47	23	4
45 to 64 years	425	343	54	28	329	94	96	70	35	28	6	—
65 years and over	606	513	72	21	258	36	114	16	8	48	29	7
Female householder, no husband present	3 531	3 078	384	69	4 076	480	2 037	444	236	574	285	20
15 to 24 years	36	19	8	9	787	57	508	89	28	73	22	10
25 to 34 years	216	175	20	21	856	104	503	98	55	77	12	7
35 to 44 years	233	218	9	6	326	68	189	28	13	22	6	—
45 to 64 years	994	882	92	20	698	108	370	75	66	72	7	—
65 years and over	2 052	1 784	255	13	1 409	143	467	154	74	330	238	3
Median age	50.8	50.5	59.0	36.1	34.7	37.5	31.3	34.4	35.3	61.5	71.1	25.8
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	2 150	1 897	132	121	3 949	587	2 008	407	275	511	141	20
1975 to 1978	6 046	5 449	327	270	3 349	623	1 664	304	139	393	194	32
1970 to 1974	4 113	3 838	171	104	1 334	270	622	130	54	122	116	20
1960 to 1969	5 864	5 584	251	29	692	138	377	81	24	59	10	3
1959 or earlier	7 177	6 430	745	2	810	315	388	47	18	30	12	—
ROOMS												
1 room	—	—	—	—	166	4	2	6	56	74	24	—
2 rooms	26	10	12	4	378	18	50	6	67	158	79	—
3 rooms	230	182	30	18	1 632	54	518	294	83	394	271	18
4 rooms	2 162	1 537	371	254	3 046	353	1 653	439	205	314	43	39
5 rooms	6 494	5 638	640	216	2 750	427	1 954	169	67	85	40	8
6 rooms	6 953	6 600	327	26	1 278	421	677	50	32	80	15	3
7 or more rooms	9 485	9 231	246	8	884	656	205	5	—	10	1	—
Median	6.0	6.1	5.1	4.4	4.4	5.8	4.7	3.9	3.7	3.3	3.0	4.0
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	25 119	23 100	1 504	515	9 807	1 887	4 887	960	475	1 071	452	75
0.50 or less	15 907	14 535	1 051	321	7 012	1 274	3 337	733	367	857	392	52
0.51 to 1.00	8 895	8 278	434	183	2 680	594	1 492	217	100	194	60	23
1.01 to 1.50	302	272	19	11	95	17	58	6	8	6	—	—
1.51 or more	15	15	—	—	20	2	—	4	—	14	—	—
Locking complete plumbing for exclusive use	231	98	122	11	327	46	172	9	35	44	21	—
0.50 or less	176	85	85	6	222	43	122	7	15	32	3	—
0.51 to 1.00	53	13	35	5	103	1	50	2	20	12	18	—
1.01 to 1.50	2	—	2	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	2	2	—	—	—	—	—	—
BEDROOMS												
None	2	2	—	—	255	4	19	17	74	111	30	—
1	614	397	182	35	2 693	154	1 042	379	161	582	367	8
2	5 160	4 052	814	294	4 692	595	2 901	496	250	326	75	49
3	13 716	13 037	482	197	1 898	678	1 026	66	25	86	—	17
4	4 630	4 535	95	—	421	339	64	7	—	10	—	1
5 or more	1 228	1 175	53	—	175	163	7	4	—	—	1	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 286	1 105	168	13	1 836	205	764	163	96	320	288	—
\$5,000 to \$9,999	3 231	2 802	315	114	2 338	326	1 187	214	150	358	78	25
\$10,000 to \$12,499	1 326	1 155	127	44	1 020	174	535	140	59	99	6	7
\$12,500 to \$14,999	1 342	1 192	106	44	1 066	215	553	97	55	105	25	16
\$15,000 to \$19,999	4 056	3 612	317	127	1 722	379	960	164	65	112	29	13
\$20,000 to \$24,999	4 565	4 235	229	101	1 119	274	564	130	57	60	22	12
\$25,000 to \$34,999	5 926	5 604	247	75	696	245	351	52	8	24	14	2
\$35,000 to \$49,999	2 461	2 375	78	8	234	61	126	3	13	20	11	—
\$50,000 or more	1 157	1 118	39	—	103	54	19	6	7	17	—	—
Median	\$21 481	\$21 942	\$16 940	\$17 105	\$12 189	\$15 692	\$12 697	\$11 920	\$10 381	\$8 185	\$4 470	\$13 359
Mean	\$23 561	\$24 099	\$18 071	\$16 797	\$14 201	\$17 652	\$13 825	\$13 206	\$13 559	\$13 823	\$7 775	\$13 983
SELECTED CHARACTERISTICS												
Heating equipment	25 345	23 193	1 626	526	10 133	1 933	5 059	969	510	1 115	472	75
Steam or hot water system	4 221	3 818	397	6	2 092	274	583	338	243	398	256	—
Central warm-air furnace or electric heat pump	18 757	17 299	1 005	453	4 865	1 252	2 905	295	151	341	76	69
Other built-in electric units	652	627	25	—	754	36	105	133	69	285	126	—
Floor, wall, or pipeless furnace	323	279	22	—	367	91	192	31	—	39	14	—
Other means	1 392	1 170	177	45	2 055	280	1 498	172	47	52	—	6
Air conditioning	6 432	5 840	467	125	2 331	390	651	184	221	694	167	24
Central system	1 607	1 511	56	40	264	62	41	13	28	96	24	—
Vehicles available	23 994	22 066	1 408	520	8 170	1 730	4 189	757	379	849	191	75
1	8 932	7 978	733	221	5 170	779	2 664	526	287	743	131	40
2 or more	15 062	14 088	675	299	3 000	951	1 525	231	92	106	60	35
House heating fuel	25 345	23 193	1 626	526	10 133	1 933	5 059	969	510	1 115	472	75
Utility gas	17 096	15 447	1 246	403	7 418	1 155	4 213	675	323	694	325	33
Battled, tank, or LP gas	1 066	946	40	80	351	153	130	28	—	26	—	14
Electricity	785	754	31	—	912	56	134	158	98	333	133	—
Fuel oil, kerosene, etc.	5 958	5 629	293	36	1 348	529	544	102	83	56	8	26
Other	440	417	16	7	104	40	38	6	6	6	6	2
Water heating fuel	25 317	23 165	1 626	526	10 076	1 904	5 057	969	489	1 109	473	75
Utility gas	15 640	14 208	1 134	298	6 619	938	3 837	638	296	593	294	23
Battled, tank, or LP gas	940	840	40	60	324	126	141	25	—	19	—	13
Electricity	8 249	7 652	431	166	2 946	768	1 036	286	163	480	174	39
Fuel oil, kerosene, etc.	458	437	19	2	165	61	42	12	30	15	5	—
Other	30	28	2	—	22	11	—	8	—	2	—	—
Family householder	21 724	20 209	1 156	359	5 264	1 373	2 962	391	124	276	94	44
With own children under 18 years	11 218	10 565	446	207	2 894	838	1 723	167	65	51	28	22
With own children under 6 years	4 290	3 961	213	116	1 747	436	1 098	106	35	37	22	13
Female householder, no husband present	1 127	1 006	83	38	1 059	179	669	116	36	40	6	13
With own children under 18 years	430	381	23	26	794	145	550	46	17	17	6	13
With own children under 6 years	81	71	4	6	315	38	228	26	6	11	—	6
Nonfamily householder	3 626	2 989	470	167	4 870	560	2 097	578	386	839	379	31
Income in 1979 below poverty level	795	713	74	8	1 151	158	581	115	61	143	91	2
Percent below poverty level	3.1	3.1	4.6	1.5	11.4	8.2	11.5	11.9	12.0	12.8	19.2	2.7

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	25 350	3 359	8 363	4 371	4 715	2 859	1 141	388	154	2.72	77 405
Nonrelatives present	461	—	228	110	58	40	9	12	4	2.52	1 443
ROOMS											
1 to 3 rooms	256	143	90	12	9	2	—	—	—	1.40	438
4 rooms	2 162	682	1 037	267	124	36	15	—	1	1.88	4 568
5 rooms	6 494	1 013	2 561	1 128	1 186	446	132	16	12	2.37	17 996
6 rooms	6 953	865	2 339	1 299	1 356	809	237	33	15	2.71	20 481
7 rooms	4 656	386	1 288	819	947	771	284	130	31	3.30	15 737
8 or more rooms	4 829	270	1 048	846	1 093	795	473	209	95	3.73	18 185
Median	6.0	5.3	5.7	6.1	6.3	6.7	7.2	7.7	8.0	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	25 119	3 276	8 280	4 327	4 707	2 848	1 141	386	154	2.73	76 773
1.00 or less	24 802	3 276	8 280	4 325	4 698	2 812	994	337	80	2.70	74 766
1.01 to 1.50	302	—	—	2	9	34	147	49	61	6.22	1 892
1.51 or more	15	—	—	—	—	2	—	—	13	7.92	115
Lacking complete plumbing for exclusive use	231	83	83	44	8	11	—	2	—	1.89	632
1.00 or less	229	83	83	44	8	9	—	2	—	1.88	620
1.01 to 1.50	2	—	—	—	—	2	—	—	—	5.00	12
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	23 198	2 790	7 579	4 057	4 423	2 728	1 105	371	145	2.80	70 004
2 or more	1 626	438	589	234	206	104	29	17	9	2.14	5 957
Mobile home or trailer, etc.	526	131	195	80	86	27	7	—	—	2.18	1 444
VALUE											
Specified owner-occupied housing units	20 383	2 528	6 671	3 452	3 992	2 401	941	292	106	2.79	60 092
Less than \$10,000	34	11	19	1	3	—	—	—	—	1.82	73
\$10,000 to \$19,999	626	208	243	65	62	20	14	6	8	1.93	1 441
\$20,000 to \$29,999	2 181	503	856	296	268	167	70	13	8	2.19	4 811
\$30,000 to \$39,999	3 813	723	1 226	645	645	370	155	45	4	2.47	9 759
\$40,000 to \$49,999	4 850	550	1 682	795	882	620	216	86	19	2.74	14 625
\$50,000 to \$59,999	3 750	266	1 330	725	820	364	153	69	23	2.88	11 433
\$60,000 to \$79,999	3 618	181	925	684	974	565	219	42	28	3.52	12 607
\$80,000 to \$99,999	910	72	205	150	189	189	74	17	14	3.65	3 335
\$100,000 to \$149,999	498	13	154	72	144	75	24	14	2	3.57	1 641
\$150,000 or more	103	1	31	19	5	31	16	—	—	3.60	367
Median	\$47 200	\$37 600	\$45 600	\$49 000	\$51 400	\$50 600	\$50 800	\$49 400	\$54 100	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	25 350	3 359	8 363	4 371	4 715	2 859	1 141	388	154	2.72	77 405
Median income	\$21 481	\$7 400	\$18 789	\$24 935	\$24 551	\$26 830	\$26 592	\$27 014	\$31 786	...	...
Median selected monthly owner costs as percentage of household income	16.4	25.4	14.7	14.0	17.7	15.8	15.9	15.0	12.8	...	...
With a mortgage	18.7	30.8	19.1	18.0	19.7	17.1	17.3	16.6	13.0	...	...
Not mortgaged	12.3	24.4	12.2	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	795	282	178	65	93	90	35	26	26	2.15	...
Median income	\$3 406	\$2 726	\$3 217	\$2 757	\$3 750	\$5 966	\$6 785	\$6 786	\$9 792	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	46.9	50+	40.0	27.5	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	27.5	...	...
Not mortgaged	50+	50+	50+	50+	50+	36.6	17.5	27.0	—	...	...
Renter-occupied housing units	10 134	4 257	2 902	1 458	917	384	149	58	9	1.78	21 336
Nonrelatives present	776	—	534	141	61	24	10	6	—	2.23	1 956
ROOMS											
1 room	166	147	15	—	—	—	—	4	—	1.06	205
2 rooms	378	290	81	7	—	—	—	—	—	1.15	458
3 rooms	1 632	1 343	239	43	4	—	—	—	3	1.11	1 986
4 rooms	3 046	1 322	1 149	392	160	21	2	—	—	1.67	5 374
5 rooms	2 750	769	874	572	335	151	44	5	—	2.19	6 657
6 rooms	1 278	266	343	288	245	80	50	6	—	2.60	3 615
7 or more rooms	884	120	201	156	173	132	53	43	6	3.28	3 041
Median	4.4	3.8	4.5	5.0	5.4	5.8	6.1	7.2	6.8	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	9 807	4 021	2 858	1 441	893	379	149	57	9	1.81	20 849
1.00 or less	9 692	4 021	2 845	1 434	889	358	103	42	—	1.79	20 205
1.01 to 1.50	95	—	—	7	—	21	46	11	6	5.84	562
1.51 or more	20	—	13	—	—	—	—	4	3	2.27	82
Lacking complete plumbing for exclusive use	327	236	44	17	24	5	—	1	—	1.19	487
1.00 or less	325	236	42	17	24	5	—	1	—	1.19	483
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	2	—	2	—	—	—	—	—	—	2.00	4
UNITS IN STRUCTURE											
1, detached or attached	1 933	454	540	387	320	138	55	39	—	2.45	5 271
2	5 059	1 760	1 618	844	507	225	90	15	—	1.98	11 208
3 and 4	969	516	266	118	52	11	2	4	—	1.44	1 663
5 to 9	510	331	128	20	25	6	—	—	—	1.27	777
10 to 49	1 115	798	249	43	10	4	2	—	9	1.20	1 614
50 or more	473	371	73	29	—	—	—	—	—	1.14	663
Mobile home or trailer, etc.	75	27	28	17	3	—	—	—	—	1.88	140
GROSS RENT											
Specified renter-occupied housing units	9 714	4 182	2 774	1 385	858	320	136	50	9	1.74	20 125
Less than \$100	590	531	48	8	—	—	3	—	—	1.06	644
\$100 to \$149	1 159	758	311	39	24	12	9	6	—	1.26	1 722
\$150 to \$199	2 117	1 114	647	208	113	19	2	5	9	1.45	3 610
\$200 to \$249	2 872	1 148	839	538	219	64	61	3	—	1.84	6 029
\$250 to \$299	1 467	308	506	287	239	107	15	5	—	2.34	3 764
\$300 to \$349	611	89	199	152	109	47	15	—	—	2.62	1 697
\$350 to \$399	227	33	49	35	58	37	3	12	—	3.40	764
\$400 to \$499	149	9	28	45	40	15	8	4	—	3.33	516
\$500 or more	69	13	3	19	14	3	13	4	—	3.47	315
No cash rent	453	179	144	54	42	16	7	11	—	1.83	1 064
Median	\$213	\$181	\$218	\$237	\$261	\$269	\$237	\$352	\$195	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	10 134	4 257	2 902	1 458	917	384	149	58	9	1.78	21 336
Median income	\$12 189	\$7 394	\$15 231	\$15 686	\$18 892	\$16 250	\$22 880	\$18 750	\$8 125	...	...
Median gross rent as percentage of household income	21.7	26.3	18.3	19.6	17.5	23.0	14.1	20.6	23.8	...	...
Income in 1979 below poverty level	1 151	629	200	155	61	66	15	16	9	1.41	...
Median income	\$3 318	\$2 773	\$3 469	\$4 119	\$4 063	\$6 765	\$8 438	\$6 250	\$8 125	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	40.6	35.8	50.0	23.8	...	...

Table A-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA		Married-couple families										Male householder, no wife present					Female householder, no husband present					Median age											
		15 to 24 years					25 to 34 years					35 to 44 years					45 to 64 years						65 years and over										
		Total					Total					Total					Total						Total										
Owner-occupied housing units		506		4 356		4 144		7 746		3 404		143		301		188		425		606		36		216		233		994		2 052		50.8	
PERSONS IN UNIT		3 359		8 363		4 371		4 715		2 859		1 683		2 772		77 405		25 119		317		231		2		1 994		1 647		70.0			
1 person		251		841		218		3 001		2 996		93		173		95		242		484		13		54		18		540		1 647			
2 persons		152		970		473		2 008		310		37		70		28		116		82		16		59		37		268		308			
3 persons		58		1 648		1 458		63		22		—		8		15		30		7		17		52		109		88		62.0			
4 persons		38		681		1 199		835		22		—		13		—		29		8		—		40		59		63		9			
5 persons		7		216		796		623		13		—		2		—		4		—		—		6		32		4		40.5			
6 or more persons		2 51		3 72		4 45		2 93		2 07		1 27		1 37		1 49		1 38		1 13		2 21		2 42		2 97		1 42		42.6			
Median		1 478		16 059		19 101		24 937		7 242		221		583		404		784		810		93		590		748		1 802		2 553			
Total persons		77 405		16 059		19 101		24 937		7 242		221		583		404		784		810		93		590		748		1 802		2 553			
PLUMBING FACILITIES BY PERSONS PER ROOM		25 119		499		4 342		4 136		7 723		143		292		186		413		598		34		214		233		973		1 994			
Complete plumbing for exclusive use		317		4		43		159		94		—		2		2		12		3		2		2		—		—		41.9			
1.01 or more persons per room		231		7		14		8		23		—		9		2		—		8		2		—		21		58		67.5			
Lacking complete plumbing for exclusive use		2		—		—		2		—		—		—		—		—		—		—		—		—		—		42.5			
1.01 or more persons per room		2		—		—		2		—		—		—		—		—		—		—		—		—		—		42.5			
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979		20 383		403		3 784		3 497		6 163		84		155		146		266		441		19		161		191		766		1 667			
Specified owner-occupied housing units		11 426		389		3 626		3 060		5 999		77		126		117		87		24		19		144		161		261		385			
With a mortgage		3 477		25		1 015		887		823		12		35		15		33		10		8		13		25		22		18			
Less than 1.5 percent		3 028		113		1 015		887		823		12		35		15		33		10		8		13		25		22		18			
1.5 to 19 percent		2 183		110		986		568		340		23		12		14		13		4		2		16		19		57		8			
20 to 24 percent		1 124		103		499		234		135		15		9		45		12		—		2		28		2		41		—			
25 to 29 percent		571		8		245		156		46		13		14		4		10		—		2		20		18		11		—			
30 to 34 percent		1 038		30		282		209		147		15		46		15		12		6		2		63		60		99		27			
35 percent or more		5		—		—		—		—		—		—		—		—		—		—		—		—		—		5			
Not computed		18.7		22.6		21.0		18.0		14.6		26.8		27.8		25.6		18.7		17.5		21.1		32.7		24.9		27.5		32.5			
Median		8 957		14		158		437		3 011		7		29		29		179		417		—		17		30		505		1 597			
Not mortgaged		3 577		2		101		297		2 168		569		20		10		81		53		—		4		9		85		178			
Less than 10 percent		1 975		2		46		96		582		755		5		9		48		79		—		9		5		140		199			
10 to 14 percent		1 066		2		11		24		138		555		4		—		12		80		—		2		15		90		162			
15 to 19 percent		851		—		—		4		48		369		—		3		6		57		—		—		—		—		49			
20 to 24 percent		459		—		—		6		41		103		—		7		12		53		—		—		1		22		220			
25 to 29 percent		348		—		—		2		13		81		—		—		6		57		—		2		—		23		170			
30 to 34 percent		661		5		—		8		16		93		—		—		19		43		—		—		—		96		374			
35 percent or more		20		3		—		—		5		2		—		—		2		—		—		—		—		—		8			
Not computed		12.3		18.8		10—		10—		10—		45.0		10—		12.5		10.8		21.5		—		12.5		15.3		16.5		24.5			
Median		10 134		881		1 342		356		697		664		585		264		329		258		787		856		326		698		1 409			
Renter-occupied housing units		4 257		352		389		22		332		372		405		181		253		243		471		421		102		492		1 317			
1 person		2 902		139		364		82		173		237		197		35		33		3		203		219		81		146		78			
2 persons		1 456		13		373		89		123		12		7		12		6		—		6		132		64		31		12			
3 persons		216		13		146		68		58		—		5		—		4		—		—		62		46		14		—			
4 persons		178		277		377		428		239		139		122		123		115		103		134		153		20		23		33.8			
5 persons		2 136		2 619		4 428		1 684		2 045		993		864		396		461		290		1 283		1 564		781		1 023		1 418			
6 or more persons		9 807		842		1 330		356		688		645		553		242		278		219		757		851		320		687		1 370			
Complete plumbing for exclusive use		115		21		57		15		9		19		5		—		4		—		2		2		—		—		34.6			
1.01 or more persons per room		327		39		12		—		13		—		32		22		51		39		30		5		6		11		39			
Lacking complete plumbing for exclusive use		2		—		—		—		—		—		—		—		2		—		—		—		—		—		—			
1.01 or more persons per room		2		—		—		—		—		—		—		—		—		—		—		—		—		—		—			
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979		9 714		848		1 237		320		627		645		572		260		313		252		774		847		321		693		1 366			
Specified renter-occupied housing units		2 377		316		428		128		312		212		188		133		101		11		48		116		101		125		57			
Less than 15 percent		1 789		171		385		64		70		100		118		62		44		17		131		196		55		145		139			
15 to 19 percent		1 036		87		152		43		45		100		118		31		31		43		109		128		16		71		199			
20 to 24 percent		592		59		118		14		37		15		40		15		26		41		97		128		41		77		181			
25 to 29 percent		1 067		60		44		13		30		35		33		2		9		39		64		75		27		64		113			
30 to 34 percent		1 056		59		42		20		22		152		18		20		19		54		113		83		37		93		304			
35 to 49 percent		523		22		33		29		80		26		32		12		35		26		197		113		32		69		283			
50 percent or more		17.8		17.0		17.0		16.4		13.7		19.3		18.8		14.3		18.6		30.4		29.7		24.1		19.3		23.7		32.7			
Not computed		21.7		17.8		17.0		16.4		13.7		19.3		18.8		14.3		18.6		30.4		29.7		24.1		19.3		23.7		32.7			
Median		21.7		17.8		17.0		16.4		13.7		19.3		18.8		14.3		18.6		30.4		29.7		24.1		19.3		23.7		32.7			

Table A-11. **Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Male householder							Female householder						
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units -----	3 359	1 087	93	173	95	242	484	2 272	13	54	18	540	1 647	
PLUMBING FACILITIES														
Complete plumbing for exclusive use -----	3 276	1 074	93	173	95	236	477	2 202	11	52	18	526	1 595	
Lacking complete plumbing for exclusive use -----	83	13	—	—	—	6	7	70	2	2	—	14	52	
UNITS IN STRUCTURE														
1, detached or attached -----	2 790	824	54	98	76	186	410	1 966	9	48	15	479	1 415	
2 or more -----	438	150	15	40	7	35	53	288	4	6	3	56	219	
Mobile home or trailer, etc. -----	131	113	24	35	12	21	21	18	—	—	—	5	13	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000 -----	898	160	14	5	2	20	119	738	—	3	—	85	650	
\$5,000 to \$9,999 -----	1 346	314	15	17	24	31	227	1 032	2	26	8	249	747	
\$10,000 to \$12,499 -----	294	110	20	6	14	13	57	184	6	11	6	45	116	
\$12,500 to \$14,999 -----	234	121	14	42	4	41	20	113	—	6	—	76	31	
\$15,000 to \$19,999 -----	313	192	28	61	18	61	24	121	5	—	2	64	50	
\$20,000 to \$24,999 -----	176	118	2	23	14	53	26	58	—	6	2	13	37	
\$25,000 to \$34,999 -----	48	40	—	10	13	12	5	8	—	—	—	2	6	
\$35,000 to \$49,999 -----	21	17	—	2	6	9	—	4	—	—	—	—	4	
\$50,000 or more -----	29	15	—	7	—	2	6	14	—	2	—	6	6	
Median -----	\$7 409	\$11 580	\$12 188	\$16 006	\$15 972	\$16 000	\$7 023	\$6 589	\$11 875	\$9 500	\$10 417	\$8 532	\$5 923	
Mean -----	\$9 968	\$13 459	\$11 767	\$19 048	\$17 113	\$16 403	\$9 597	\$8 298	\$12 894	\$11 809	\$12 054	\$10 768	\$7 296	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units -----	2 528	706	49	84	74	140	359	1 822	9	45	15	424	1 329	
With a mortgage -----	395	204	42	59	54	31	18	191	9	32	4	104	42	
Less than \$200 -----	55	19	3	—	—	4	12	36	2	—	—	20	14	
\$200 to \$249 -----	63	41	—	9	12	14	6	22	2	—	—	18	2	
\$250 to \$299 -----	97	28	5	7	13	3	—	69	5	7	—	45	12	
\$300 to \$349 -----	21	17	—	13	4	—	—	4	—	2	—	1	1	
\$350 to \$399 -----	63	28	6	5	17	—	—	35	—	10	—	17	8	
\$400 to \$499 -----	60	51	20	23	6	2	—	9	—	7	2	—	—	
\$500 to \$599 -----	18	14	6	2	—	6	—	4	—	4	—	—	—	
\$600 to \$749 -----	18	6	2	—	2	2	—	12	—	2	2	3	5	
\$750 or more -----	—	—	—	—	—	—	—	—	—	—	—	—	—	
Median -----	\$291	\$341	\$450	\$355	\$325	\$241	\$185	\$277	\$255	\$385	\$525	\$266	\$271	
Not mortgaged -----	2 133	502	7	25	20	109	341	1 631	—	13	11	320	1 287	
Less than \$50 -----	—	—	—	—	—	—	—	—	—	—	—	—	—	
\$50 to \$74 -----	36	—	—	—	—	—	—	36	—	2	—	3	31	
\$75 to \$99 -----	171	49	—	14	7	—	28	122	—	9	—	40	73	
\$100 to \$124 -----	532	137	—	4	—	29	104	395	—	—	3	53	339	
\$125 to \$149 -----	761	180	—	—	5	49	126	581	—	—	8	116	457	
\$150 to \$199 -----	442	105	7	7	5	19	67	337	—	2	—	56	279	
\$200 to \$249 -----	139	14	—	—	—	9	—	37	—	—	—	35	90	
\$250 or more -----	52	17	—	—	3	7	—	35	—	—	—	17	18	
Median -----	\$136	\$134	\$175	\$97	\$140	\$138	\$133	\$136	—	\$88	\$133	\$139	\$136	
SELECTED CHARACTERISTICS														
Median selected monthly owner costs as percentage of household income in 1979 -----	25.4	21.8	33.4	19.6	25.0	12.8	23.1	26.9	23.2	33.8	17.8	23.3	27.8	
With a mortgage -----	30.8	27.6	32.1	30.3	27.1	21.6	10	36.2	23.2	36.8	35.0	32.9	50	
Not mortgaged -----	24.4	19.5	45.0	10	11.1	11.3	23.3	26.0	—	12.5	16.6	19.5	27.3	
Income in 1979 below poverty level -----	282	70	7	5	2	18	38	212	—	3	—	61	148	
Percent below poverty level -----	8.4	6.4	7.5	2.9	2.1	7.4	7.9	9.3	—	5.6	—	11.3	9.0	
Renter-occupied housing units -----	4 257	1 454	372	405	181	253	243	2 803	471	421	102	492	1 317	
PLUMBING FACILITIES														
Complete plumbing for exclusive use -----	4 021	1 299	353	373	159	210	204	2 722	441	416	102	483	1 280	
Lacking complete plumbing for exclusive use -----	236	155	19	32	22	43	39	81	30	5	—	9	37	
UNITS IN STRUCTURE														
1, detached or attached -----	454	180	25	66	4	52	33	274	26	30	21	72	125	
2 -----	1 760	522	115	183	49	73	102	1 238	261	233	50	263	431	
3 and 4 -----	516	206	64	43	20	63	16	310	77	42	8	48	135	
5 to 9 -----	331	151	43	26	39	35	8	180	24	51	2	30	73	
10 to 49 -----	798	273	94	65	42	24	48	525	67	59	15	72	312	
50 or more -----	371	100	20	22	23	6	29	271	14	6	6	7	238	
Mobile home or trailer, etc. -----	27	22	11	—	4	—	7	5	2	—	—	—	3	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000 -----	1 483	353	83	45	11	76	138	1 130	167	24	12	131	796	
\$5,000 to \$9,999 -----	1 245	302	75	68	24	47	88	943	194	127	18	189	415	
\$10,000 to \$12,499 -----	489	165	72	41	21	24	7	324	56	139	25	59	45	
\$12,500 to \$14,999 -----	381	202	61	97	6	30	8	179	21	62	7	48	41	
\$15,000 to \$19,999 -----	463	279	52	92	73	62	—	184	33	61	35	44	11	
\$20,000 to \$24,999 -----	115	79	19	37	21	2	—	36	—	8	—	20	8	
\$25,000 to \$34,999 -----	21	19	—	10	2	7	—	2	—	—	—	1	1	
\$35,000 to \$49,999 -----	39	34	—	8	23	1	2	5	—	—	5	—	—	
\$50,000 or more -----	21	21	10	7	—	4	—	—	—	—	—	—	—	
Median -----	\$7 394	\$11 091	\$10 972	\$13 750	\$16 875	\$10 365	\$4 685	\$6 295	\$6 841	\$11 070	\$12 100	\$7 396	\$4 535	
Mean -----	\$9 952	\$14 652	\$20 591	\$15 435	\$17 308	\$11 352	\$5 713	\$7 514	\$7 044	\$11 064	\$13 264	\$8 803	\$5 619	
GROSS RENT														
Specified renter-occupied housing units -----	4 182	1 418	357	401	177	246	237	2 764	463	419	101	489	1 292	
Less than \$100 -----	531	101	9	8	6	35	43	430	9	—	17	52	352	
\$100 to \$149 -----	758	326	72	32	43	76	103	432	63	59	21	90	199	
\$150 to \$199 -----	1 114	329	90	124	45	21	49	785	192	145	30	153	265	
\$200 to \$249 -----	1 148	425	118	177	48	63	19	723	154	172	20	118	259	
\$250 to \$299 -----	308	106	37	26	21	12	10	202	25	23	—	37	117	
\$300 to \$349 -----	89	31	9	6	12	4	—	58	17	9	8	5	19	
\$350 to \$399 -----	33	22	7	9	—	6	—	11	—	11	—	—	—	
\$400 to \$499 -----	9	4	2	2	—	—	—	5	—	—	5	—	—	
\$500 or more -----	13	1	—	1	—	—	—	12	—	—	—	4	8	
No cash rent -----	179	73	13	16	2	29	13	106	3	—	—	30	73	
Median -----	\$181	\$184	\$200	\$211	\$180	\$148	\$137	\$179	\$192	\$201	\$180	\$169	\$156	
SELECTED CHARACTERISTICS														
Median gross rent as percentage of household income in 1979 -----	26.3	22.2	23.2	21.2	14.1	21.5	31.3	28.5	32.5	21.7	16.4	25.8	33.3	
Income in 1979 below poverty level -----	629	172	58	34	6	46	28	457	127	19	2	82	227	
Percent below poverty level -----	14.8	11.8	15.6	8.4	3.3	18.2	11.5	16.3	27.0	4.5	2.0	16.7	17.2	

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

Vacant for sale only housing units

ROOMS

1 to 3 rooms	9	—	—	9
4 rooms	4	—	4	—
5 rooms	83	17	50	16
6 rooms	39	9	21	9
7 rooms	54	11	35	8
8 or more rooms	34	—	15	19
Median	5.9	5.7	5.9	6.1

PLUMBING FACILITIES

Complete plumbing for exclusive use	221	37	125	59
Locking complete plumbing for exclusive use	2	—	—	2

BEDROOMS

None	—	—	—	—
1	11	—	2	9
2	29	9	5	15
3	142	26	88	28
4	22	2	15	5
5 or more	19	—	15	4

YEAR STRUCTURE BUILT

1975 to March 1980	53	7	37	9
1970 to 1974	13	6	3	4
1960 to 1969	20	5	10	5
1950 to 1959	17	1	9	7
1940 to 1949	4	—	4	—
1939 or earlier	116	18	62	36

UNITS IN STRUCTURE

1, detached or attached	195	31	111	53
2 or more	18	—	12	6
Mobile home or trailer	10	6	2	2

HEATING EQUIPMENT

Central heating system	207	37	120	50
Other means	14	—	5	9
None	2	—	—	2

PRICE ASKED

Specified vacant for sale only housing units	180	29	104	47
Less than \$10,000	—	—	—	—
\$10,000 to \$19,999	7	—	—	7
\$20,000 to \$29,999	17	—	8	9
\$30,000 to \$39,999	21	8	13	9
\$40,000 to \$49,999	71	5	61	5
\$50,000 to \$59,999	26	9	7	10
\$60,000 to \$79,999	31	7	10	14
\$80,000 to \$99,999	—	—	—	—
\$100,000 or more	7	—	5	2
Median	\$46 600	\$51 100	\$45 500	\$51 600

The SMSA

Vacant for rent housing units

ROOMS

1 room	6	—	6	—
2 rooms	2	—	2	—
3 rooms	63	30	33	—
4 rooms	115	70	27	18
5 rooms	131	58	56	17
6 rooms	28	24	2	2
7 or more rooms	10	6	—	4
Median	4.4	4.4	4.3	4.6

PLUMBING FACILITIES

Complete plumbing for exclusive use	346	186	120	40
Locking complete plumbing for exclusive use	9	2	6	1

BEDROOMS

None	6	—	6	—
1	77	30	45	2
2	200	126	63	11
3	67	28	12	27
4	5	4	—	1
5 or more	—	—	—	—

YEAR STRUCTURE BUILT

1975 to March 1980	87	70	17	—
1970 to 1974	30	26	4	—
1960 to 1969	17	5	11	1
1950 to 1959	9	4	5	—
1940 to 1949	27	8	17	2
1939 or earlier	185	75	72	38

UNITS IN STRUCTURE

1, detached or attached	65	38	6	21
2	151	60	73	18
3 and 4	81	57	22	2
5 to 9	10	—	10	—
10 to 49	35	31	4	—
50 or more	11	—	11	—
Mobile home or trailer	2	2	—	—

RENT ASKED

Specified vacant for rent housing units	355	188	126	41
Less than \$100	44	16	28	—
\$100 to \$149	67	17	28	22
\$150 to \$199	113	71	29	13
\$200 to \$249	63	32	28	3
\$250 to \$299	63	50	13	—
\$300 to \$399	5	2	—	3
\$400 or more	—	—	—	—
Median	\$177	\$191	\$171	\$149

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

Total

PLUMBING FACILITIES

Complete plumbing for exclusive use	180	—	24	92	57	7	46 600
Locking complete plumbing for exclusive use	—	—	—	—	—	—	—

BEDROOMS

None	—	—	—	—	—	—	—
1	3	—	1	2	—	—	36 300
2	18	—	—	8	10	—	50 600
3	125	—	18	65	40	2	46 900
4	20	—	3	12	5	—	42 500
5 or more	14	—	2	5	2	5	55 000

YEAR STRUCTURE BUILT

1975 to March 1980	51	—	—	29	20	2	49 400
1970 to 1974	4	—	—	—	4	—	52 500
1960 to 1969	18	—	—	10	3	5	49 000
1950 to 1959	15	—	3	2	10	—	53 100
1940 to 1949	4	—	—	4	—	—	47 500
1939 or earlier	88	—	21	47	20	—	40 700

UNITS IN STRUCTURE

1, detached or attached	180	—	24	92	57	7	46 600
2 or more	—	—	—	—	—	—	—
Mobile home or trailer	—	—	—	—	—	—	—

Rent asked—Specified vacant for rent housing units

Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
355	44	180	126	5	—	177
346	44	177	120	5	—	177
9	—	3	6	—	—	231
6	—	—	6	—	—	238
77	16	59	2	—	—	153
200	23	86	88	3	—	183
67	5	35	25	2	—	184
5	—	—	5	—	—	238
—	—	—	—	—	—	—
87	—	14	71	2	—	257
30	2	2	26	—	—	218
17	—	17	—	—	—	128
9	—	5	4	—	—	199
27	5	6	16	—	—	216
185	37	136	9	3	—	150
65	9	35	16	5	—	180
288	33	145	110	—	—	177
2	2	—	—	—	—	55

Table B-1. Value of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Sheboygan city

Sheboygan city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Medion (dollars)	Meon (dollars)
Specified owner-occupied housing units -----	10 289	5	404	1 372	2 391	2 597	1 790	1 325	251	134	20	43 800	45 900
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	8 146	--	189	941	1 704	2 231	1 547	1 199	201	114	20	45 700	47 800
15 to 24 years -----	163	--	8	24	24	42	40	25	--	--	--	47 600	45 900
25 to 34 years -----	1 712	--	14	175	411	529	234	285	31	33	--	45 600	48 000
35 to 44 years -----	1 595	--	24	166	300	358	331	321	64	31	--	48 700	50 600
45 to 64 years -----	3 224	--	82	295	625	887	710	469	93	43	20	46 900	49 300
65 years and over -----	1 452	--	61	281	344	415	232	99	13	7	--	40 800	41 300
Male householder, no wife present -----	589	5	88	72	182	103	103	26	5	5	--	36 000	38 400
15 to 24 years -----	52	--	--	6	6	24	16	--	--	--	--	43 900	43 400
25 to 34 years -----	52	--	--	--	28	17	7	--	--	--	--	34 600	40 200
35 to 44 years -----	69	--	--	15	7	11	20	--	--	--	--	37 500	37 900
45 to 64 years -----	131	--	24	37	18	6	28	13	--	5	--	31 900	40 400
65 years and over -----	285	5	49	22	114	45	32	13	5	--	--	34 900	36 400
Female householder, no husband present -----	1 554	--	127	359	505	263	140	100	45	15	--	36 400	39 000
15 to 24 years -----	8	--	--	8	--	--	--	--	--	--	--	26 300	26 300
25 to 34 years -----	73	--	15	6	23	22	--	7	--	--	--	37 500	37 500
35 to 44 years -----	99	--	--	6	35	7	27	24	--	--	--	50 300	47 700
45 to 64 years -----	422	--	48	97	123	47	37	39	24	7	--	35 100	40 800
65 years and over -----	952	--	64	242	324	187	76	30	21	8	--	36 300	37 500
Median age -----	52.4	85 +	62.8	58.8	54.6	50.8	52.8	45.0	50.8	46.9	49.2	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	778	--	8	55	83	176	189	186	31	50	--	53 000	57 200
1975 to 1978 -----	2 190	--	50	236	458	524	415	399	72	30	6	47 400	49 100
1970 to 1974 -----	1 638	--	71	140	370	443	339	229	34	6	6	46 000	46 800
1960 to 1969 -----	2 583	--	124	317	564	671	450	335	94	20	8	44 100	46 400
1959 or earlier -----	3 100	5	151	624	916	783	397	176	20	28	--	38 400	39 900
ROOMS													
1 to 3 rooms -----	89	--	46	35	--	--	--	8	--	--	--	16 600	22 400
4 rooms -----	801	--	31	234	289	182	58	7	--	--	--	34 200	35 300
5 rooms -----	2 837	5	86	320	636	837	688	258	7	--	--	44 500	43 800
6 rooms -----	3 095	--	90	402	783	880	585	319	36	--	--	43 300	43 700
7 rooms -----	1 946	--	112	272	442	406	313	315	71	15	--	43 300	46 100
8 or more rooms -----	1 521	--	39	109	241	292	146	418	137	119	20	54 500	61 200
Median -----	6.0	5.0	5.9	5.7	5.8	5.8	5.8	6.7	7.7	8.5 +	8.5 +	...	...
BEDROOMS													
None -----	--	--	--	--	--	--	--	--	--	--	--	--	--
1 -----	167	--	46	69	24	13	7	8	--	--	--	25 200	27 300
2 -----	1 929	--	105	424	634	435	244	72	7	8	--	37 000	38 300
3 -----	6 072	5	141	578	1 316	1 690	1 287	878	144	33	--	46 100	47 100
4 -----	1 789	--	88	278	371	404	209	326	69	44	--	44 100	47 700
5 or more -----	332	--	24	23	46	55	43	41	31	49	20	52 800	68 500
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	662	--	--	--	--	49	241	259	60	53	--	61 800	68 200
1970 to 1974 -----	749	--	--	5	42	258	226	181	31	--	6	52 300	55 700
1960 to 1969 -----	1 438	--	8	57	111	370	438	327	106	13	8	53 200	56 900
1950 to 1959 -----	1 754	--	23	171	398	575	355	172	30	30	--	45 000	46 300
1940 to 1949 -----	1 177	--	36	140	373	371	173	79	5	--	--	41 100	41 800
1939 or earlier -----	4 509	5	337	999	1 467	974	357	307	19	38	6	36 200	38 400
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	503	--	80	87	157	129	31	12	7	--	--	36 100	35 800
\$5,000 to \$9,999 -----	1 427	--	105	356	464	295	136	51	5	15	--	34 900	37 100
\$10,000 to \$12,499 -----	483	5	26	109	129	108	68	38	--	--	--	38 000	38 800
\$12,500 to \$14,999 -----	511	--	13	81	224	85	42	50	16	--	--	35 700	40 700
\$15,000 to \$19,999 -----	1 628	--	99	266	356	427	338	130	6	--	6	42 300	42 300
\$20,000 to \$24,999 -----	1 933	--	34	240	413	606	394	186	41	19	--	44 300	45 900
\$25,000 to \$34,999 -----	2 416	--	28	160	490	636	531	488	55	28	--	48 500	50 000
\$35,000 to \$49,999 -----	925	--	19	67	107	225	186	229	58	34	--	52 000	54 900
\$50,000 or more -----	463	--	--	6	51	86	64	141	63	38	14	65 100	71 000
Median -----	\$21 447	\$11 250	\$11 635	\$15 908	\$18 230	\$21 976	\$23 761	\$28 363	\$34 269	\$36 591	\$58 735	...	...
Mean -----	\$23 297	\$11 050	\$13 904	\$16 490	\$19 168	\$22 668	\$25 223	\$31 077	\$50 372	\$45 797	\$80 057	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	5 609	--	157	576	1 207	1 440	1 008	955	144	102	20	46 400	48 900
Less than 15 percent -----	1 879	--	56	231	443	475	332	284	32	20	6	44 400	46 400
15 to 19 percent -----	1 535	--	17	172	277	468	250	299	44	--	8	46 800	49 200
20 to 24 percent -----	1 040	--	30	85	237	215	251	181	28	13	--	48 400	49 200
25 to 29 percent -----	553	--	16	53	82	133	93	108	34	34	--	49 600	54 300
30 to 34 percent -----	169	--	12	12	70	38	19	12	6	--	--	38 900	42 300
35 percent or more -----	428	--	26	23	98	111	63	66	--	35	6	45 500	53 700
Not computed -----	5	--	--	--	--	--	--	5	--	--	--	72 500	72 500
Median -----	18.0	--	20.9	16.7	17.9	17.6	18.4	18.2	19.5	27.6	17.5	...	...
Not mortgaged -----	4 680	5	247	796	1 184	1 157	782	370	107	32	--	40 800	42 300
Less than 10 percent -----	1 802	--	72	237	346	513	402	169	44	19	--	44 500	45 500
10 to 14 percent -----	979	5	47	140	240	249	186	82	22	8	--	41 600	43 100
15 to 19 percent -----	574	--	25	107	236	71	73	55	7	--	--	35 700	40 000
20 to 24 percent -----	556	--	31	149	149	125	52	34	11	5	--	34 400	38 400
25 to 29 percent -----	261	--	12	63	61	70	27	12	16	--	--	39 300	41 000
30 to 34 percent -----	194	--	31	47	57	40	6	13	--	--	--	33 500	34 700
35 percent or more -----	314	--	29	53	95	89	36	5	7	--	--	38 200	38 500
Not computed -----	--	--	--	--	--	--	--	--	--	--	--	--	--
Median -----	12.7	12.5	15.9	16.0	15.1	11.3	10--	11.0	12.2	10--	--	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	10 279	5	400	1 372	2 385	2 597	1 790	1 325	251	134	20	43 800	45 900
1.01 or more persons per room -----	127	--	--	30	30	37	14	16	--	--	--	40 900	41 100
Lacking complete plumbing for exclusive use -----	10	--	4	--	6	--	--	--	--	--	--	30 800	27 000
1.01 or more persons per room -----	--	--	--	--	--	--	--	--	--	--	--	--	--
Heating equipment -----	10 289	5	404	1 372	2 391	2 597	1 790	1 325	251	134	20	43 800	45 900
Central heating system -----	10 039	5	304	1 351	2 338	2 580	1 777	1 291	245	128	20	44 000	46 100
Air conditioning -----	2 703	--	81	289	551	720	538	407	70	47	--	46 000	48 000
Central system -----	649	--	12	50	29	152	154	181	39	32	--	54 900	59 000
Income in 1979 below poverty level -----	242	--	27	56	56	76	8	12	7	--	--	37 500	38 400
Percent below poverty level -----	2.4	--	6.7	4.1	2.3	2.9	0.4	0.9	2.8	--	--	...	...

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Sheboygan city	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units.....	6 561	420	859	1 418	2 047	917	411	154	113	31	191	212
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families.....	2 266	30	208	350	722	463	233	87	69	19	85	234
15 to 24 years.....	517	—	15	81	182	142	66	19	6	—	6	245
25 to 34 years.....	660	—	31	114	235	125	92	27	30	—	6	238
35 to 44 years.....	194	—	6	11	76	32	18	25	—	16	10	249
45 to 64 years.....	424	17	49	66	113	55	39	16	33	3	33	223
65 years and over.....	471	13	107	78	116	109	18	—	—	—	30	207
Male householder, no wife present.....	1 446	81	271	319	452	149	62	43	18	—	51	203
15 to 24 years.....	437	7	52	101	151	84	16	7	9	—	10	219
25 to 34 years.....	401	—	22	113	184	29	12	36	—	—	5	220
35 to 44 years.....	197	6	49	57	40	16	24	—	5	—	—	190
45 to 64 years.....	227	31	67	12	66	6	10	—	4	—	31	150
65 years and over.....	184	37	81	36	11	14	—	—	—	—	5	140
Female householder, no husband present.....	2 849	309	380	749	873	305	116	24	26	12	55	196
15 to 24 years.....	553	—	55	182	228	51	37	—	—	—	—	208
25 to 34 years.....	634	—	75	175	265	72	26	14	7	—	—	212
35 to 44 years.....	206	10	26	60	35	25	24	10	16	—	—	217
45 to 64 years.....	500	41	63	161	149	42	20	—	3	4	17	186
65 years and over.....	956	258	161	171	196	115	9	—	—	8	38	156
Median age.....	36.2	71.8	58.0	32.8	30.4	30.1	31.0	29.9	39.5	44.8	61.6	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	2 641	69	174	514	935	449	270	112	78	24	16	228
1975 to 1978.....	2 175	176	246	492	714	331	95	42	19	7	53	212
1970 to 1974.....	849	102	189	169	231	75	23	—	16	—	44	180
1960 to 1969.....	456	48	113	127	109	33	5	—	—	—	21	169
1959 or earlier.....	440	25	137	116	58	29	18	—	—	—	57	161
ROOMS												
1 room.....	105	13	47	18	18	—	—	—	—	—	9	145
2 rooms.....	275	69	46	39	103	18	—	—	—	—	—	172
3 rooms.....	1 206	264	256	327	256	44	12	7	6	4	30	158
4 rooms.....	1 897	25	255	488	599	309	141	13	12	8	47	213
5 rooms.....	1 938	8	173	404	749	315	171	33	31	10	44	225
6 rooms.....	810	31	76	105	267	189	59	37	31	—	15	239
7 or more rooms.....	330	10	6	37	55	42	28	64	33	9	46	291
Median.....	4.4	3.0	3.8	4.2	4.6	4.8	4.8	6.1	5.7	4.8	4.7	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979.....	6 561	420	859	1 418	2 047	917	411	154	113	31	191	212
Complete plumbing for exclusive use.....	6 384	384	778	1 394	2 027	911	401	154	113	31	191	214
0.50 or less.....	4 713	371	667	1 122	1 442	595	229	69	54	15	149	204
0.51 to 1.00.....	1 585	13	102	245	557	316	164	80	54	16	38	238
1.01 to 1.50.....	68	—	9	18	23	—	8	5	5	—	—	210
1.51 or more.....	18	—	—	9	5	—	—	—	—	—	4	193
Locking complete plumbing for exclusive use.....	177	36	81	24	20	6	10	—	—	—	—	131
0.50 or less.....	124	19	57	18	20	—	10	—	—	—	—	127
0.51 to 1.00.....	53	17	24	6	—	6	—	—	—	—	—	142
1.01 to 1.50.....	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level.....	835	80	137	209	217	92	67	23	—	—	10	196
Complete plumbing for exclusive use.....	777	80	113	197	205	92	57	23	—	—	10	198
1.01 or more persons per room.....	27	—	—	16	6	—	—	5	—	—	—	197
Locking complete plumbing for exclusive use.....	58	—	24	12	12	—	10	—	—	—	—	158
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None.....	183	20	65	55	34	—	—	—	—	—	9	151
1.....	1 895	332	394	497	544	58	8	—	—	12	50	170
2.....	3 199	37	304	691	1 122	600	288	53	40	3	61	225
3.....	1 102	31	90	161	318	220	105	75	48	7	47	240
4.....	128	—	6	14	29	19	4	26	15	5	10	277
5 or more.....	54	—	—	—	—	20	6	—	10	4	14	300
UNITS IN STRUCTURE												
1, detached or attached.....	680	7	62	97	115	114	53	61	58	16	97	255
2.....	3 671	75	483	949	1 204	513	260	81	41	—	65	213
3 and 4.....	588	20	116	210	142	51	35	—	—	4	10	183
5 to 9.....	284	7	69	43	91	55	14	5	—	—	—	208
10 to 49.....	867	71	53	90	390	171	41	7	14	11	19	230
50 or more.....	464	240	76	29	98	13	8	—	—	—	—	92
Mobile home or trailer, etc.....	7	—	—	—	7	—	—	—	—	—	—	238
YEAR STRUCTURE BUILT												
1975 to March 1980.....	643	106	34	34	177	123	77	31	32	11	18	240
1970 to 1974.....	565	142	33	24	140	102	80	37	7	—	—	231
1960 to 1969.....	539	57	51	37	222	93	33	17	—	5	24	230
1950 to 1959.....	489	13	14	124	157	112	27	20	—	—	22	225
1940 to 1949.....	719	—	92	177	252	123	22	16	12	11	14	216
1939 or earlier.....	3 606	102	635	1 022	1 099	364	172	33	62	4	113	199
STORIES IN STRUCTURE												
1 to 3.....	6 276	252	787	1 384	2 047	917	411	154	105	28	191	215
4 or more.....	285	168	72	34	—	—	—	—	8	3	—	85
With elevator.....	279	168	66	34	—	—	—	—	8	3	—	84
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	1 491	81	278	449	410	155	52	31	27	8	...	189
15 to 19 percent.....	1 177	91	128	217	414	158	121	30	18	—	...	216
20 to 24 percent.....	860	130	100	156	281	130	18	41	—	4	...	208
25 to 29 percent.....	738	96	88	118	215	107	74	13	27	—	...	213
30 to 34 percent.....	405	8	68	92	144	54	13	5	21	—	...	219
35 to 49 percent.....	831	14	132	136	299	160	53	14	11	12	...	222
50 percent or more.....	810	—	58	227	273	153	63	20	9	7	...	229
Not computed.....	249	—	7	23	11	—	17	—	—	—	...	191
Median.....	22.8	21.5	21.0	21.0	23.5	25.7	25.4	22.0	27.1	42.9	...	...
SELECTED CHARACTERISTICS												
Heating equipment.....	6 561	420	859	1 418	2 047	917	411	154	113	31	191	212
Central heating system.....	5 095	362	512	875	1 682	847	363	142	113	31	168	223
Air conditioning.....	1 509	39	113	204	643	282	98	20	59	18	33	232
Central system.....	154	14	12	19	58	28	—	—	20	3	—	224

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Sheboygan city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	11 631	637	1 661	596	600	1 892	2 128	2 624	1 009	484	20 957	22 707	301
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	8 961	83	790	355	420	1 534	1 910	2 467	953	449	23 342	25 710	101
15 to 24 years	191	—	3	—	6	71	69	35	7	—	21 174	21 590	3
25 to 34 years	1 833	24	19	46	94	456	513	532	102	47	22 547	23 890	24
35 to 44 years	1 719	6	17	12	36	334	432	607	208	67	25 209	27 207	6
45 to 64 years	3 566	14	128	85	87	446	755	1 199	589	263	26 626	29 754	40
65 years and over	1 652	39	623	212	197	227	141	94	47	72	11 934	17 918	28
Male householder, no wife present	781	101	185	70	81	157	86	59	18	24	13 565	15 605	59
15 to 24 years	72	13	—	11	8	18	10	—	6	6	15 833	19 207	6
25 to 34 years	101	3	—	3	30	35	7	23	—	—	17 266	19 128	3
35 to 44 years	78	7	15	6	7	16	5	11	6	5	18 125	20 312	7
45 to 64 years	188	28	11	4	14	51	53	21	6	—	18 409	17 124	28
65 years and over	342	50	159	46	22	37	11	4	—	13	8 241	11 898	15
Female householder, no husband present	1 889	453	686	171	99	201	132	98	38	11	8 540	11 401	141
15 to 24 years	21	—	5	4	—	8	—	—	4	—	22 969	20 291	—
25 to 34 years	94	10	34	17	—	20	10	3	—	—	10 441	11 813	15
35 to 44 years	109	—	19	7	11	18	13	36	—	5	19 896	23 849	8
45 to 64 years	503	79	158	46	61	98	18	25	12	6	10 788	12 780	59
65 years and over	1 162	364	470	97	27	65	83	34	22	—	7 055	9 442	59
Median age	53.2	74.8	71.1	67.2	61.8	44.3	44.9	46.1	50.2	51.4	...	...	55.7
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	885	18	40	45	64	161	216	226	86	29	22 970	24 575	17
1975 to 1978	2 472	70	121	74	119	539	535	699	230	85	22 753	24 486	63
1970 to 1974	1 815	42	154	64	92	347	484	399	180	53	21 779	22 978	35
1960 to 1969	2 806	101	320	139	84	457	468	805	234	198	23 219	25 443	72
1959 or earlier	3 653	406	1 026	274	241	388	425	495	279	119	13 750	18 815	114
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	11 545	616	1 637	592	586	1 879	2 122	2 620	1 009	484	21 033	22 794	287
1.01 or more persons per room	134	—	5	23	—	37	22	36	11	—	21 667	22 903	19
Lacking complete plumbing for exclusive use	86	21	24	4	14	13	6	4	—	—	9 762	11 132	14
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	11 631	637	1 661	596	600	1 892	2 128	2 624	1 009	484	20 957	22 707	301
Central heating system	11 254	589	1 592	579	568	1 841	2 073	2 561	969	482	21 044	22 845	262
Air conditioning	3 034	72	355	130	211	452	598	737	327	152	22 243	24 645	41
Central system	689	16	48	35	38	86	112	169	121	64	25 417	30 509	10
Vehicles available	10 741	326	1 242	533	591	1 840	2 096	2 620	1 009	484	21 914	23 976	189
1	5 025	285	1 084	444	437	1 098	929	595	102	51	16 103	16 747	126
2 or more	5 716	41	158	89	154	742	1 167	2 025	907	433	26 715	30 330	63
House heating fuel	11 631	637	1 661	596	600	1 892	2 128	2 624	1 009	484	20 957	22 707	301
Utility gas	10 233	574	1 463	537	559	1 717	1 853	2 258	842	430	20 668	22 566	270
Bottled, tank, or LP gas	20	5	15	—	—	—	—	—	—	—	5 833	4 858	5
Electricity	81	—	—	—	—	32	—	41	8	—	26 012	24 701	—
Fuel oil, kerosene, etc.	1 276	53	183	59	41	140	275	318	153	54	23 129	23 962	21
Other	21	5	—	—	—	3	—	7	6	—	25 893	24 878	5
Median rooms	5.9	5.3	5.5	5.3	5.4	5.7	5.9	6.2	6.6	7.2	...	...	5.4
Specified owner-occupied housing units	10 289	503	1 427	483	511	1 628	1 933	2 416	925	463	21 447	23 297	242
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	5 609	78	166	169	199	1 062	1 315	1 757	579	284	24 261	26 226	99
Less than \$200	269	21	29	15	10	55	84	50	5	—	20 363	18 831	21
\$200 to \$249	761	15	26	19	32	200	154	245	38	32	23 020	24 362	31
\$250 to \$299	1 084	11	42	56	48	239	249	304	95	40	21 984	23 980	11
\$300 to \$349	1 009	12	7	28	33	253	303	264	81	28	23 061	24 944	12
\$350 to \$399	687	12	30	18	20	138	145	261	52	11	23 917	24 277	12
\$400 to \$499	966	7	24	11	38	107	234	388	114	43	26 270	27 518	12
\$500 to \$599	516	—	8	22	12	56	97	157	121	43	27 188	30 386	—
\$600 to \$749	164	—	—	—	6	42	53	34	23	31	28 939	34 403	—
\$750 or more	153	—	—	—	8	7	35	39	64	36	180 500	60 669	—
Median	\$334	\$264	\$283	\$295	\$314	\$307	\$328	\$353	\$413	\$450	...	...	\$246
Not mortgaged	4 680	425	1 261	314	312	566	618	659	346	179	15 223	19 787	143
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	31	19	7	—	—	5	—	—	—	—	4 539	6 800	—
\$75 to \$99	142	34	49	29	15	8	—	7	—	—	8 500	9 913	12
\$100 to \$124	897	125	388	81	68	90	72	56	9	8	8 689	11 959	34
\$125 to \$149	1 672	134	528	105	111	240	197	185	130	42	14 054	17 811	67
\$150 to \$199	1 436	93	249	94	82	139	287	319	137	36	20 936	21 375	23
\$200 to \$249	330	13	32	5	20	72	44	76	42	26	22 813	25 785	7
\$250 or more	172	7	8	—	16	12	18	23	21	67	35 396	65 530	—
Median	\$144	\$131	\$134	\$136	\$141	\$144	\$157	\$164	\$160	\$207	...	...	\$135
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	5 609	78	166	169	199	1 062	1 315	1 757	579	284	24 261	26 226	99
Less than 15 percent	1 879	—	—	—	—	87	326	848	389	229	30 580	34 756	—
15 to 19 percent	1 535	—	—	—	22	317	475	556	124	41	24 474	25 803	—
20 to 24 percent	1 040	—	15	34	53	353	283	254	34	14	21 076	22 157	8
25 to 29 percent	553	—	24	43	35	187	152	80	32	—	19 649	20 718	—
30 to 34 percent	169	5	7	36	33	52	36	—	—	—	15 398	15 457	5
35 percent or more	428	68	120	56	56	66	43	19	—	—	11 161	11 859	81
Not computed	5	5	—	—	—	—	—	—	—	—	2500—	—	5
Median	18.0	50+	42.2	31.0	28.5	21.8	18.5	15.3	12.9	10—	...	...	50+
Not mortgaged	4 680	425	1 261	314	312	566	618	659	346	179	15 223	19 787	143
Less than 10 percent	1 802	—	7	—	30	187	454	614	331	179	27 609	34 527	—
10 to 14 percent	979	6	39	158	234	330	152	45	15	—	15 613	16 481	—
15 to 19 percent	574	—	370	128	26	43	7	—	—	—	9 274	10 223	4
20 to 24 percent	556	13	498	28	6	6	5	—	—	—	7 733	7 905	—
25 to 29 percent	261	51	194	—	16	—	—	—	—	—	6 529	6 704	12
30 to 34 percent	194	87	107	—	—	—	—	—	—	—	5 269	5 311	16
35 percent or more	314	268	46	—	—	—	—	—	—	—	3 767	3 838	111
Not computed	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	12.7	38.5	22.2	15.0	12.7	11.5	10—	10—	10—	10—	...	...	50+

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Sheboygan city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	6 592	1 368	1 669	623	684	1 057	633	345	164	49	11 039	13 418	845
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	2 287	97	523	195	236	482	427	245	65	17	15 952	16 704	130
15 to 24 years	517	19	97	41	61	142	83	74	—	—	16 315	16 375	39
25 to 34 years	670	23	66	64	63	194	167	87	6	—	18 180	17 772	39
35 to 44 years	198	10	13	15	27	12	76	27	13	5	21 222	20 592	17
45 to 64 years	424	15	77	10	44	85	78	57	46	12	19 104	21 124	19
65 years and over	478	30	270	65	41	49	23	—	—	—	9 047	10 030	16
Male householder, no wife present	1 446	277	241	150	194	305	116	65	72	26	13 209	17 029	166
15 to 24 years	437	70	53	68	64	88	24	38	22	10	13 574	22 855	56
25 to 34 years	401	29	55	38	85	108	51	9	19	7	14 809	17 285	34
35 to 44 years	197	22	36	8	11	54	31	7	23	5	16 536	17 482	23
45 to 64 years	227	52	42	24	21	55	10	11	8	4	12 031	14 069	38
65 years and over	184	104	55	12	13	—	—	—	—	—	4 691	5 801	15
Female householder, no husband present	859	994	905	278	254	270	90	35	27	6	7 403	8 964	549
15 to 24 years	553	207	170	57	42	69	—	8	—	—	7 317	7 985	200
25 to 34 years	634	76	221	127	66	83	34	13	14	—	10 394	11 740	83
35 to 44 years	206	31	47	21	41	40	10	—	10	6	12 744	13 797	27
45 to 64 years	500	109	189	47	71	52	25	4	3	—	8 182	9 635	74
65 years and over	966	571	278	26	34	26	21	10	—	—	4 593	6 323	165
Median age	36.3	65.7	54.9	29.2	32.5	29.5	32.5	28.5	39.4	42.3	...	...	32.6
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 641	498	607	262	284	467	250	165	81	27	12 056	15 051	385
1975 to 1978	2 189	440	510	205	278	378	208	106	47	17	11 762	12 954	248
1970 to 1974	856	223	291	57	37	106	83	43	16	—	8 613	11 119	106
1960 to 1969	456	120	150	39	38	49	38	5	12	5	8 704	11 294	49
1959 or earlier	450	87	111	60	47	57	54	26	8	—	11 125	12 618	57
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	6 415	1 290	1 620	611	676	1 043	621	345	160	49	11 217	13 563	787
0.50 or less	4 720	1 138	1 325	461	453	690	363	179	91	20	9 630	12 410	552
0.51 to 1.00	1 609	142	277	145	210	353	232	156	69	25	15 353	16 684	208
1.01 to 1.50	68	7	12	—	13	—	26	10	—	—	20 500	17 680	24
1.51 or more	18	3	6	5	—	—	—	—	—	4	10 000	21 324	3
Locking complete plumbing for exclusive use	177	78	49	12	8	14	12	—	4	—	6 141	8 164	58
0.50 or less	124	66	25	5	8	14	6	—	—	—	4 688	6 795	46
0.51 to 1.00	53	12	24	7	—	—	6	—	4	—	7 014	11 368	12
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment	6 592	1 368	1 669	623	684	1 057	633	345	164	49	11 039	13 418	845
Central heating system	5 126	1 050	1 292	463	512	777	556	287	140	49	11 193	13 920	655
Air conditioning	1 513	266	354	120	192	259	157	90	51	24	12 715	16 754	159
Central system	154	31	53	6	11	27	5	10	4	7	8 906	13 464	11
Vehicles available	4 990	588	1 151	505	596	986	627	328	164	45	13 553	15 503	455
1	3 437	529	1 019	405	490	587	213	113	58	23	11 052	13 382	378
2 or more	1 553	59	132	100	106	399	414	215	106	22	19 729	20 197	77
House heating fuel	6 592	1 368	1 669	623	684	1 057	633	345	164	49	11 039	13 418	845
Utility gas	5 537	1 092	1 415	506	584	935	567	274	138	26	11 292	12 866	722
Bottled, tank, or LP gas	72	22	17	7	15	11	—	—	—	—	8 500	8 912	17
Electricity	535	158	139	42	66	38	34	21	18	19	9 090	20 066	58
Fuel oil, kerosene, etc.	426	74	98	68	19	73	32	50	8	4	11 507	13 503	32
Other	22	22	—	—	—	—	—	—	—	—	3 281	3 771	16
Median rooms	4.4	3.8	4.2	4.5	4.5	4.7	4.6	5.0	4.8	4.2	...	...	4.3
Specified renter-occupied housing units													
Specified renter-occupied housing units	6 561	1 368	1 652	623	680	1 057	633	335	164	49	11 045	13 419	835
CONTRACT RENT													
Less than \$100	1 145	574	229	80	87	98	56	9	12	—	4 993	8 368	214
\$100 to \$149	1 572	322	483	190	148	242	118	59	5	5	9 807	11 298	217
\$150 to \$199	2 077	289	525	197	252	409	190	153	49	13	12 773	13 929	242
\$200 to \$249	1 065	133	285	104	123	163	155	57	40	5	12 713	14 128	113
\$250 to \$299	371	23	65	28	51	62	91	28	23	—	16 128	17 325	39
\$300 to \$349	76	—	13	—	—	26	3	14	20	—	19 904	24 843	—
\$350 to \$399	38	—	—	—	7	9	—	9	4	9	29 375	32 875	—
\$400 to \$499	26	—	—	—	8	4	—	—	11	3	35 624	30 913	—
\$500 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	191	27	52	24	4	44	20	6	—	14	11 719	33 264	10
Median	\$158	\$114	\$156	\$156	\$171	\$165	\$176	\$181	\$235	\$199	...	...	\$146
GROSS RENT													
Less than \$100	420	322	37	27	23	—	7	—	4	—	4 091	5 800	80
\$100 to \$149	859	279	269	87	52	105	59	—	8	—	7 649	9 384	137
\$150 to \$199	1 418	333	360	136	168	205	122	62	32	—	10 294	11 811	209
\$200 to \$249	2 047	259	607	208	226	436	169	100	36	6	11 893	12 894	217
\$250 to \$299	917	100	232	92	105	164	102	103	7	12	13 321	15 178	92
\$300 to \$349	411	37	70	36	66	34	101	34	28	5	14 867	17 529	67
\$350 to \$399	154	11	16	7	5	28	53	14	20	—	20 581	20 589	23
\$400 to \$499	113	—	9	6	16	37	—	12	29	4	18 935	25 153	—
\$500 or more	31	—	—	—	15	4	—	4	—	8	15 313	29 444	—
No cash rent	191	27	52	24	4	44	20	6	—	14	11 719	33 264	10
Median	\$212	\$157	\$211	\$210	\$225	\$220	\$229	\$251	\$282	\$297	...	...	\$196
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	1 491	7	20	74	117	395	390	295	158	35	21 563	23 784	—
15 to 19 percent	1 177	71	108	117	203	445	197	30	6	—	15 758	15 453	14
20 to 24 percent	860	126	201	191	204	108	26	4	—	—	11 348	11 016	23
25 to 29 percent	738	140	301	133	113	51	—	—	—	—	9 204	9 415	54
30 to 34 percent	405	46	285	45	19	10	—	—	—	—	8 005	8 108	37
35 to 49 percent	831	229	546	39	13	4	—	—	—	—	6 340	6 547	110
50 percent or more	810	664	139	—	7	—	—	—	—	—	3 580	3 649	529
Not computed	249	85	52	24	4	44	20	6	—	14	9 107	25 258	68
Median	22.8	50+	33.0	22.8	20.4	16.3	13.4	11.5	10—	10—	...	...	50+

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Sheboygan city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	5 609	269	761	1 084	1 009	687	966	516	164	153	334
PERSONS IN UNIT											
1 person	178	23	44	44	6	32	17	12	—	—	275
2 persons	1 241	74	204	226	147	128	256	170	13	23	340
3 persons	1 166	64	198	238	218	135	171	90	15	37	319
4 persons	1 581	42	143	321	315	238	298	106	80	38	345
5 persons	955	66	99	171	200	125	147	98	25	24	335
6 persons	335	—	59	61	78	13	51	24	25	24	330
7 persons	128	—	—	23	39	16	26	11	6	7	356
8 or more persons	25	—	14	—	6	—	—	5	—	—	245
Median	3.64	3.09	3.17	3.61	3.92	3.70	3.63	3.34	4.17	3.93	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	5 062	213	674	955	950	595	892	473	164	146	336
15 to 24 years	163	—	17	24	9	17	76	20	—	—	415
25 to 34 years	1 663	38	98	288	330	282	319	207	62	39	364
35 to 44 years	1 456	60	176	292	266	170	263	114	80	35	338
45 to 64 years	1 716	115	360	323	345	126	221	132	22	72	309
65 years and over	64	—	23	28	—	—	13	—	—	—	266
Male householder, no wife present	209	9	45	26	24	17	56	32	—	—	351
15 to 24 years	45	—	—	—	10	6	17	12	—	—	469
25 to 34 years	43	—	7	—	6	5	18	7	—	—	416
35 to 44 years	62	—	17	18	—	6	14	7	—	—	289
45 to 64 years	53	9	15	8	8	—	7	6	—	—	266
65 years and over	6	—	6	—	—	—	—	—	—	—	225
Female householder, no husband present	338	47	42	103	35	75	18	11	—	7	289
15 to 24 years	8	—	—	—	8	—	—	—	—	—	325
25 to 34 years	64	6	—	16	8	23	5	6	—	—	354
35 to 44 years	80	—	20	10	11	21	6	5	—	7	345
45 to 64 years	141	25	22	61	—	26	7	—	—	—	269
65 years and over	45	16	—	16	8	5	—	—	—	—	270
Median age	39.5	49.9	47.4	41.3	38.9	35.4	36.6	35.4	37.8	43.4	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	696	7	7	30	55	52	235	209	50	51	485
1975 to 1978	1 949	35	108	311	389	378	428	184	82	34	367
1970 to 1974	1 260	60	155	321	341	127	162	55	19	20	314
1960 to 1969	1 436	147	417	344	194	124	96	61	13	40	272
1959 or earlier	268	20	74	78	30	6	45	7	—	8	276
ROOMS											
1 to 3 rooms	24	—	16	—	—	—	—	8	—	—	238
4 rooms	198	44	61	46	20	—	27	—	—	—	245
5 rooms	1 397	78	209	332	322	173	206	61	14	2	312
6 rooms	1 702	62	264	344	301	236	288	135	43	29	330
7 rooms	1 208	75	127	221	192	155	267	132	25	14	347
8 or more rooms	1 080	10	84	141	174	123	178	180	82	108	404
Median	6.2	5.7	5.9	6.0	6.0	6.2	6.4	6.9	7.5	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980	600	13	12	20	74	76	193	134	46	32	454
1970 to 1974	579	6	18	110	179	74	109	45	18	20	343
1960 to 1969	837	14	154	179	161	82	113	62	40	32	322
1950 to 1959	630	46	118	152	90	61	105	22	7	29	300
1940 to 1949	649	16	77	123	98	56	178	94	7	—	359
1939 or earlier	2 314	174	382	500	407	338	268	159	46	40	312
VALUE											
Less than \$10,000	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999	157	51	46	42	—	5	13	—	—	—	230
\$20,000 to \$29,999	576	54	186	166	107	41	14	8	—	—	264
\$30,000 to \$39,999	1 207	101	212	348	225	135	140	36	10	—	292
\$40,000 to \$49,999	1 440	38	211	253	341	230	306	61	—	—	332
\$50,000 to \$59,999	1 008	25	69	204	213	136	202	146	6	7	348
\$60,000 to \$79,999	955	—	37	71	112	133	233	218	120	31	444
\$80,000 to \$99,999	144	—	—	—	6	7	37	32	13	49	569
\$100,000 to \$149,999	102	—	—	—	5	—	21	15	15	46	700
\$150,000 or more	20	—	—	—	—	—	—	—	—	20	750+
Median	\$46 400	\$33 600	\$37 100	\$39 600	\$46 200	\$47 400	\$50 400	\$60 400	\$73 600	\$95 000	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	1 879	194	501	527	274	139	133	79	11	21	273
15 to 19 percent	1 535	10	180	295	395	218	304	85	19	29	336
20 to 24 percent	1 040	30	39	138	235	147	257	113	53	28	377
25 to 29 percent	553	14	10	58	45	91	156	111	27	41	436
30 to 34 percent	169	5	—	20	36	32	30	34	12	—	387
35 percent or more	428	16	31	46	24	55	86	94	42	34	438
Not computed	5	—	—	—	—	5	—	—	—	—	375
Median	18.0	11.5	13.0	15.3	17.9	19.6	20.9	24.2	24.9	24.7	...
SELECTED CHARACTERISTICS											
Heating equipment	5 609	269	761	1 084	1 009	687	966	516	164	153	334
Steam or hot water system	605	11	59	60	88	88	130	63	37	69	398
Central warm-air furnace or electric heat pump	4 770	231	663	994	900	568	819	421	110	64	328
Other built-in electric units	60	—	—	—	8	13	6	19	—	14	516
Floor, wall, or pipeless furnace	44	14	16	8	6	—	—	—	—	—	225
Other means	130	13	23	22	7	18	11	13	17	6	350
Air conditioning	1 426	70	156	296	245	220	223	149	38	29	339
Central system	254	—	—	49	26	35	64	54	13	13	431
1 or more individual room units	1 172	70	156	247	219	185	159	95	25	16	326
House heating fuel	5 609	269	761	1 084	1 009	687	966	516	164	153	334
Utility gas	4 867	247	690	948	885	619	840	376	136	126	331
Bottled, tank, or LP gas	—	—	—	—	—	—	—	—	—	—	—
Electricity	67	—	—	—	8	13	6	26	—	14	525
Fuel oil, kerosene, etc.	657	17	71	130	116	48	120	114	28	13	348
Other	18	5	—	6	—	7	—	—	—	—	283

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Sheboygan city

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	4 680	—	31	142	897	1 672	1 436	330	172	144
PERSONS IN UNIT										
1 person -----	1 216	—	19	73	375	427	213	75	34	133
2 persons -----	2 338	—	12	61	467	886	747	102	63	143
3 persons -----	550	—	—	—	55	198	212	55	30	155
4 persons -----	332	—	—	—	—	83	163	73	13	175
5 persons -----	141	—	—	8	—	44	55	19	15	167
6 persons -----	84	—	—	—	—	26	41	—	17	170
7 persons -----	19	—	—	—	—	8	5	6	—	165
8 or more persons -----	—	—	—	—	—	—	—	—	—	—
Median -----	1.98	—	1.32	1.47	1.66	1.96	2.18	2.38	2.33	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	3 084	—	5	55	446	1 096	1 135	224	123	149
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	49	—	—	—	—	15	34	—	—	164
35 to 44 years -----	139	—	—	8	12	40	55	18	6	159
45 to 64 years -----	1 508	—	—	7	132	518	628	149	74	158
65 years and over -----	1 388	—	5	40	302	523	418	57	43	142
Male householder, no wife present -----	380	—	—	29	123	139	69	10	10	132
15 to 24 years -----	7	—	—	—	—	—	7	—	—	175
25 to 34 years -----	9	—	—	9	—	—	—	—	—	88
35 to 44 years -----	7	—	—	7	—	—	—	—	—	88
45 to 64 years -----	78	—	—	—	20	28	20	5	5	142
65 years and over -----	279	—	—	13	103	111	42	5	5	130
Female householder, no husband present -----	1 216	—	26	58	328	437	232	96	39	136
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	9	—	—	9	—	—	—	—	—	88
35 to 44 years -----	19	—	—	—	—	8	5	6	—	165
45 to 64 years -----	281	—	—	13	44	100	58	42	24	146
65 years and over -----	907	—	26	36	284	329	169	48	15	133
Median age -----	66.4	—	81.7	69.7	71.3	67.1	61.8	59.9	61.9	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	82	—	—	7	6	31	32	—	6	148
1975 to 1978 -----	241	—	—	9	24	57	129	22	—	162
1970 to 1974 -----	378	—	—	9	36	114	170	32	17	159
1960 to 1969 -----	1 147	—	7	15	177	406	393	88	61	148
1959 or earlier -----	2 832	—	24	102	654	1 064	712	188	88	140
ROOMS										
1 to 3 rooms -----	65	—	18	13	19	—	15	—	—	102
4 rooms -----	603	—	7	44	228	228	96	—	—	127
5 rooms -----	1 440	—	—	22	274	576	470	92	6	143
6 rooms -----	1 393	—	—	44	243	490	504	79	33	146
7 rooms -----	738	—	6	11	92	266	219	89	55	149
8 or more rooms -----	441	—	—	8	41	112	132	70	78	173
Median -----	5.7	—	3.3	5.1	5.2	5.6	5.8	6.4	7.4	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	62	—	—	—	5	17	34	6	—	163
1970 to 1974 -----	170	—	—	—	—	34	104	26	6	175
1960 to 1969 -----	601	—	—	—	52	184	237	87	41	164
1950 to 1959 -----	1 124	—	—	16	147	384	447	79	51	152
1940 to 1949 -----	528	—	—	13	129	207	127	46	6	140
1939 or earlier -----	2 195	—	31	113	564	846	487	86	68	137
VALUE										
Less than \$10,000 -----	5	—	—	—	—	5	—	—	—	138
\$10,000 to \$19,999 -----	247	—	18	37	82	89	21	—	—	121
\$20,000 to \$29,999 -----	796	—	7	57	255	317	147	13	—	131
\$30,000 to \$39,999 -----	1 184	—	—	42	359	512	204	61	6	134
\$40,000 to \$49,999 -----	1 157	—	6	6	184	444	440	55	22	147
\$50,000 to \$59,999 -----	782	—	—	—	11	273	396	84	18	164
\$60,000 to \$79,999 -----	370	—	—	—	6	27	201	103	33	188
\$80,000 to \$99,999 -----	107	—	—	—	—	5	27	14	61	250+
\$100,000 to \$149,999 -----	32	—	—	—	—	—	—	—	32	250+
\$150,000 or more -----	—	—	—	—	—	—	—	—	—	—
Median -----	\$40 800	—	\$14 300	\$25 300	\$33 000	\$38 100	\$47 500	\$53 100	\$81 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	1 802	—	12	30	244	644	677	122	73	149
10 to 14 percent -----	979	—	6	50	152	315	311	101	44	147
15 to 19 percent -----	574	—	—	21	182	217	90	51	13	135
20 to 24 percent -----	556	—	13	7	146	231	137	11	11	137
25 to 29 percent -----	261	—	—	18	81	65	66	15	16	137
30 to 34 percent -----	194	—	—	11	53	89	27	6	8	134
35 percent or more -----	314	—	—	5	39	111	128	24	7	151
Not computed -----	—	—	—	—	—	—	—	—	—	—
Median -----	12.7	—	12.9	14.1	16.4	13.0	10.7	12.1	11.5	...
SELECTED CHARACTERISTICS										
Heating equipment -----	4 680	—	31	142	897	1 672	1 436	330	172	144
Steam or hot water system -----	588	—	6	9	74	121	191	81	106	172
Central warm-air furnace or electric heat pump -----	3 940	—	7	95	791	1 512	1 226	243	66	143
Other built-in electric units -----	6	—	—	—	—	—	—	6	—	225
Floor, wall, or pipeless furnace -----	26	—	—	10	10	6	—	—	—	107
Other means -----	120	—	18	28	22	33	19	—	—	116
Air conditioning -----	1 277	—	—	54	173	415	474	97	64	150
Central system -----	395	—	—	—	29	102	192	45	27	167
1 or more individual room units -----	882	—	—	54	144	313	282	52	37	144
House heating fuel -----	4 680	—	31	142	897	1 672	1 436	330	172	144
Utility gas -----	4 151	—	31	135	837	1 542	1 253	226	127	142
Bottled, tank, or LP gas -----	17	—	—	7	10	—	—	—	—	104
Electricity -----	6	—	—	—	—	—	—	6	—	225
Fuel oil, kerosene, etc. -----	506	—	—	—	50	130	183	98	45	170
Other -----	—	—	—	—	—	—	—	—	—	—

Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Sheboygan city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	11 631	752	817	1 526	3 050	5 486	6 592	643	565	539	1 208	3 637
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	8 961	688	725	1 322	2 301	3 925	2 287	163	162	195	447	1 320
15 to 24 years	191	53	23	7	52	56	517	21	29	18	164	285
25 to 34 years	1 833	242	225	107	416	843	670	43	56	35	151	385
35 to 44 years	1 719	177	212	292	363	675	198	—	7	18	50	123
45 to 64 years	3 566	186	231	738	945	1 466	424	54	19	40	23	288
65 years and over	1 652	30	34	178	525	885	478	45	51	84	59	239
Male householder, no wife present	781	26	36	77	206	436	1 446	224	108	96	270	748
15 to 24 years	72	20	6	—	19	27	437	111	17	9	68	232
25 to 34 years	101	—	10	11	20	60	401	69	25	10	114	183
35 to 44 years	78	—	7	6	21	44	197	25	16	39	32	85
45 to 64 years	188	6	7	24	45	106	227	7	22	4	38	156
65 years and over	342	—	6	36	101	199	184	12	28	34	18	92
Female householder, no husband present	1 889	38	56	127	543	1 125	2 859	256	295	248	491	1 569
15 to 24 years	21	5	—	—	—	16	553	36	11	25	157	324
25 to 34 years	94	14	11	—	23	46	634	59	29	41	167	338
35 to 44 years	109	—	19	15	27	48	206	—	23	5	39	139
45 to 64 years	503	15	12	40	180	256	500	19	38	40	53	350
65 years and over	1 162	4	14	72	313	759	966	142	194	137	75	418
Median age	53.2	36.8	39.9	52.7	57.0	55.6	36.3	33.1	61.3	63.7	28.3	36.9
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	885	216	77	75	208	309	2 641	434	240	164	575	1 228
1975 to 1978	2 472	536	188	208	564	976	2 189	209	210	214	435	1 121
1970 to 1974	1 815	—	552	232	298	733	856	—	115	108	121	512
1960 to 1969	2 806	—	—	1 011	655	1 140	456	—	—	53	45	358
1959 or earlier	3 653	—	—	—	1 325	2 328	450	—	—	—	32	418
ROOMS												
1 room	—	—	—	—	—	—	105	7	—	—	16	82
2 rooms	11	—	—	—	—	11	275	81	43	48	41	62
3 rooms	103	—	8	—	25	70	1 206	268	158	117	201	462
4 rooms	1 074	34	25	119	530	366	1 897	166	208	213	411	899
5 rooms	3 342	260	359	543	1 164	1 016	1 965	77	72	96	344	1 376
6 rooms	3 356	167	243	479	837	1 630	810	28	67	45	137	533
7 or more rooms	3 745	291	182	385	494	2 393	334	16	17	20	58	223
Median	5.9	6.0	5.6	5.7	5.3	6.3	4.4	3.4	3.9	4.0	4.3	4.7
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	11 545	752	817	1 526	3 039	5 411	6 415	633	558	533	1 196	3 495
0.50 or less	7 492	404	330	939	2 007	3 812	4 720	512	431	437	867	2 473
0.51 to 1.00	3 919	348	468	573	1 003	1 527	1 609	116	118	91	312	972
1.01 to 1.50	134	—	19	14	29	72	68	5	6	5	7	45
1.51 or more	—	—	—	—	—	—	18	—	3	—	10	5
Lacking complete plumbing for exclusive use	86	—	—	—	11	75	177	10	7	6	12	142
0.50 or less	67	—	—	—	11	56	124	10	7	6	12	89
0.51 to 1.00	19	—	—	—	—	19	53	—	—	—	—	53
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
PERSONS IN UNIT												
1 person	1 755	32	39	134	526	1 024	2 978	393	311	273	504	1 497
2 persons	4 094	238	195	575	1 241	1 845	1 901	185	129	191	353	1 043
3 persons	1 880	151	130	268	457	874	920	60	47	46	200	567
4 persons	2 100	216	237	310	461	876	439	—	69	11	72	287
5 persons	1 166	85	154	149	246	532	207	—	—	13	52	142
6 or more persons	636	30	62	90	119	335	147	5	9	5	27	101
Median	2.49	3.20	3.69	2.70	2.30	2.43	1.67	1.32	1.41	1.49	1.78	1.81
Total persons	33 727	2 530	3 025	4 511	7 919	15 742	13 406	993	997	1 000	2 543	7 873
UNITS IN STRUCTURE												
1, detached or attached	10 596	694	770	1 479	2 996	4 657	711	32	41	63	136	439
2	923	14	9	39	54	807	3 671	64	109	117	783	2 598
3 and 4	30	8	—	—	—	22	588	67	6	13	140	362
5 to 9	5	—	—	5	—	—	284	48	56	27	55	98
10 to 49	21	11	10	—	—	—	867	303	166	225	87	86
50 or more	—	—	—	—	—	—	464	122	187	94	7	54
Mobile home or trailer, etc.	56	25	28	3	—	—	7	7	—	—	—	—
SELECTED CHARACTERISTICS												
Heating equipment	11 631	752	817	1 526	3 050	5 486	6 592	643	565	539	1 208	3 637
Steam or hot water system	1 401	35	6	219	286	855	1 275	26	233	254	188	574
Central warm-air furnace or electric heat pump	9 682	614	784	1 288	2 687	4 309	3 125	191	233	243	647	1 811
Other built-in electric units	74	68	6	—	—	—	472	383	48	—	27	14
Floor, wall, or pipeless furnace	97	9	—	—	18	70	254	39	14	14	48	139
Other means	377	26	21	19	59	252	1 466	4	37	28	298	1 099
Air conditioning	3 034	131	263	491	884	1 265	1 513	324	262	259	156	512
Central system	689	87	114	175	192	121	154	46	34	23	9	42
1 or more individual room units	2 345	44	149	316	692	1 144	1 359	278	228	236	147	470
House heating fuel	11 631	752	817	1 526	3 050	5 486	6 592	643	565	539	1 208	3 637
Utility gas	10 233	534	805	1 501	2 558	4 835	5 537	199	502	465	1 057	3 314
Bottled, tank, or LP gas	20	—	—	—	—	20	72	—	—	32	13	27
Electricity	81	75	6	—	—	—	535	425	48	5	33	24
Fuel oil, kerosene, etc.	1 276	136	—	25	487	628	426	19	15	37	105	250
Other	21	7	6	—	5	3	22	—	—	—	—	22
Income in 1979 below poverty level	301	9	11	20	87	174	845	71	82	55	149	488
Percent below poverty level	2.6	1.2	1.3	1.3	2.9	3.2	12.8	11.0	14.5	10.2	12.3	13.4
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	637	13	14	26	168	416	1 368	165	216	113	163	711
\$5,000 to \$9,999	1 661	23	23	159	455	1 001	1 669	162	127	189	276	915
\$10,000 to \$14,999	596	9	35	26	170	356	623	56	15	36	150	366
\$15,000 to \$19,999	600	34	27	36	205	298	684	62	43	36	174	369
\$20,000 to \$24,999	1 892	147	178	228	479	860	1 057	74	59	66	231	627
\$25,000 to \$29,999	2 128	137	230	285	590	886	633	47	67	59	125	335
\$30,000 to \$34,999	2 624	289	180	470	663	1 022	345	26	15	18	76	210
\$35,000 to \$49,999	1 009	69	112	153	230	445	164	27	18	17	9	93
\$50,000 or more	484	31	18	143	90	202	49	24	5	5	4	11
Median	\$20 957	\$25 288	\$22 453	\$25 047	\$20 335	\$18 922	\$11 039	\$9 867	\$8 241	\$8 972	\$12 716	\$11 315
Mean	\$22 707	\$26 194	\$24 380	\$27 384	\$21 284	\$21 471	\$13 418	\$19 789	\$11 703	\$12 343	\$13 200	\$11 790

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Sheboygan city	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units.....	11 631	10 596	979	56	6 592	711	3 671	588	284	867	464	7
Condominium housing units.....	8	—	8	—	65	—	—	22	—	43	—	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families.....	8 961	8 381	545	35	2 287	394	1 455	133	24	193	88	—
15 to 24 years.....	191	167	16	8	517	21	424	24	7	19	22	—
25 to 34 years.....	1 833	1 737	92	4	670	118	445	50	6	31	20	—
35 to 44 years.....	1 719	1 638	74	7	198	76	113	9	—	—	—	—
45 to 64 years.....	3 566	3 344	216	6	424	123	241	16	—	38	6	—
65 years and over.....	1 652	1 495	147	10	478	56	232	34	11	105	40	—
Male householder, no wife present.....	781	609	162	10	1 446	104	671	170	153	256	92	—
15 to 24 years.....	72	52	10	10	437	8	223	49	50	87	20	—
25 to 34 years.....	101	52	49	—	401	37	201	39	43	63	18	—
35 to 44 years.....	78	69	9	—	197	5	79	23	26	41	23	—
45 to 64 years.....	188	145	43	—	227	45	72	48	28	28	6	—
65 years and over.....	342	291	51	—	184	9	96	11	6	37	25	—
Female householder, no husband present.....	1 889	1 606	272	11	2 859	213	1 545	285	107	418	284	7
15 to 24 years.....	21	8	8	5	553	29	384	49	17	53	21	—
25 to 34 years.....	94	76	18	—	634	35	417	81	20	62	12	7
35 to 44 years.....	109	106	3	—	206	32	129	14	5	20	6	—
45 to 64 years.....	503	437	63	3	500	67	297	42	34	53	7	—
65 years and over.....	1 162	979	180	3	966	50	318	99	31	230	238	—
Median age.....	53.2	52.6	60.4	36.7	36.3	44.4	31.6	35.6	34.7	60.8	71.1	32.5
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	885	789	72	24	2 641	205	1 440	265	161	431	139	—
1975 to 1978.....	2 472	2 267	183	22	2 189	265	1 221	151	79	278	188	7
1970 to 1974.....	1 815	1 697	108	10	856	81	460	78	24	97	116	—
1960 to 1969.....	2 806	2 643	163	—	456	41	289	58	20	38	10	—
1959 or earlier.....	3 653	3 200	453	—	450	119	261	36	—	23	11	—
ROOMS												
1 room.....	—	—	—	—	105	—	—	4	43	34	24	—
2 rooms.....	11	5	6	—	275	—	35	—	50	111	79	—
3 rooms.....	103	87	16	—	1 206	29	368	198	50	298	263	—
4 rooms.....	1 074	828	220	26	1 897	123	1 116	245	100	270	43	—
5 rooms.....	3 342	2 889	428	25	1 965	210	1 515	114	20	66	40	—
6 rooms.....	3 356	3 182	169	5	810	190	479	27	21	78	15	—
7 or more rooms.....	3 745	3 605	140	—	334	159	158	—	—	10	—	7
Median.....	5.9	6.0	5.1	4.6	4.4	5.5	4.7	3.9	3.5	3.5	3.0	7.0
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use.....	11 545	10 586	903	56	6 415	704	3 579	583	258	838	446	7
0.50 or less.....	7 492	6 791	660	41	4 720	459	2 492	478	208	690	386	7
0.51 to 1.00.....	3 919	3 668	236	15	1 609	240	1 037	101	43	128	60	—
1.01 to 1.50.....	134	127	7	—	68	5	50	—	7	14	—	—
1.51 or more.....	—	—	—	—	—	—	—	4	—	6	—	—
Lacking complete plumbing for exclusive use.....	86	10	76	—	177	7	92	5	26	29	18	—
0.50 or less.....	67	10	57	—	124	7	82	5	13	17	—	—
0.51 to 1.00.....	19	—	19	—	53	—	10	—	13	12	18	—
1.01 to 1.50.....	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None.....	—	—	—	—	183	—	17	11	61	64	30	—
1.....	270	178	92	—	1 895	56	701	262	102	415	359	—
2.....	2 582	2 000	546	36	3 226	284	2 182	269	116	300	75	—
3.....	6 519	6 225	274	20	1 102	240	726	46	5	78	—	7
4.....	1 905	1 849	56	—	132	81	41	—	—	10	—	—
5 or more.....	355	344	11	—	54	50	4	—	—	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000.....	637	519	118	—	1 368	75	634	111	58	206	284	—
\$5,000 to \$9,999.....	1 661	1 465	179	17	1 669	133	920	148	93	291	77	7
\$10,000 to \$12,499.....	596	504	92	—	623	74	374	70	13	86	6	—
\$12,500 to \$14,999.....	600	521	75	4	684	98	386	51	34	90	25	—
\$15,000 to \$19,999.....	1 892	1 687	196	9	1 057	141	658	103	42	88	25	—
\$20,000 to \$24,999.....	2 128	1 976	133	19	633	90	375	77	24	45	22	—
\$25,000 to \$34,999.....	2 624	2 489	128	7	345	74	209	24	—	24	14	—
\$35,000 to \$49,999.....	1 009	968	41	—	164	16	104	—	13	20	11	—
\$50,000 or more.....	484	467	17	—	49	10	11	4	7	17	—	—
Median.....	\$20 957	\$21 440	\$15 839	\$19 000	\$11 039	\$14 375	\$11 882	\$11 250	\$9 477	\$8 866	\$4 456	\$8 750
Mean.....	\$22 707	\$23 255	\$17 099	\$17 129	\$13 418	\$15 872	\$13 233	\$12 422	\$14 804	\$15 474	\$7 745	\$9 790
SELECTED CHARACTERISTICS												
Heating equipment.....	11 631	10 596	979	56	6 592	711	3 671	588	284	867	464	7
Steam or hot water system.....	1 401	1 229	169	3	1 275	77	295	196	133	320	254	—
Central warm-air furnace or electric heat pump.....	9 682	8 964	674	44	3 125	500	2 026	172	84	260	76	7
Other built-in electric units.....	74	66	8	—	472	10	38	60	33	211	120	—
Floor, wall, or pipeless furnace.....	97	75	13	9	254	19	156	26	—	39	14	—
Other means.....	377	262	115	—	1 466	105	1 156	134	34	37	—	—
Air conditioning.....	3 034	2 764	254	16	1 513	147	442	70	122	569	163	—
Central system.....	689	662	21	6	154	12	33	6	—	83	20	—
Vehicles available.....	10 741	9 863	822	56	4 990	591	2 931	418	189	666	188	7
1.....	5 025	4 496	494	35	3 437	324	1 941	314	156	567	128	7
2 or more.....	5 716	5 367	328	21	1 553	267	990	104	33	99	60	—
House heating fuel.....	11 631	10 596	979	56	6 592	711	3 671	588	284	867	464	7
Utility gas.....	10 233	9 290	887	56	5 537	630	3 350	453	196	578	323	7
Bottled, tank, or LP gas.....	20	17	3	—	72	—	34	12	—	26	—	—
Electricity.....	81	73	8	—	535	10	48	67	54	229	127	—
Fuel oil, kerosene, etc.....	1 276	1 198	78	—	426	71	229	56	28	34	8	—
Other.....	21	18	3	—	22	—	10	6	—	6	—	—
Water heating fuel.....	11 631	10 596	979	56	6 572	711	3 671	588	270	861	464	7
Utility gas.....	10 185	9 265	891	29	5 329	597	3 294	448	198	495	290	7
Bottled, tank, or LP gas.....	37	34	3	—	93	—	56	18	—	19	—	—
Electricity.....	1 290	1 178	85	27	1 104	114	306	117	66	332	169	—
Fuel oil, kerosene, etc.....	119	119	—	—	46	—	15	5	6	15	5	—
Other.....	—	—	—	—	—	—	—	—	—	—	—	—
Family householder.....	9 767	9 079	650	38	3 227	521	2 109	213	42	241	94	7
With own children under 18 years.....	4 675	4 425	232	18	1 734	313	1 259	77	12	38	28	7
With own children under 6 years.....	1 665	1 551	102	12	993	135	757	46	7	26	22	—
Female householder, no husband present.....	588	526	59	3	766	106	528	69	18	32	6	7
With own children under 18 years.....	188	171	14	3	594	90	453	24	5	9	6	7
With own children under 6 years.....	27	23	4	—	225	23	184	13	—	5	—	—
Nonfamily householder.....	1 864	1 517	329	18	3 365	190	1 562	375	242	626	370	—
Income in 1979 below poverty level.....	301	253	48	—	845	58	479	79	43	95	91	—
Percent below poverty level.....	2.6	2.4	4.9	—	12.8	8.2	13.0	13.4	15.1	11.0	19.6	—

Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Sheboygan city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	11 631	1 755	4 094	1 880	2 100	1 166	442	158	36	2.49	33 727
Nonrelatives present	165	—	98	30	16	21	—	—	—	2.34	475
ROOMS											
1 to 3 rooms	114	74	32	—	8	—	—	—	—	1.27	198
4 rooms	1 074	367	514	132	35	15	11	—	—	1.83	2 265
5 rooms	3 342	566	1 362	553	592	205	62	2	—	2.31	9 175
6 rooms	3 356	430	1 197	570	658	382	94	19	6	2.59	9 628
7 rooms	2 080	216	628	344	394	322	101	64	11	3.07	6 466
8 or more rooms	1 665	102	361	281	413	242	174	73	19	3.71	5 995
Median	5.9	5.3	5.6	5.9	6.1	6.5	7.0	7.4	8.5+	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	11 545	1 722	4 061	1 864	2 100	1 162	442	158	36	2.50	33 430
1.00 or less	11 411	1 722	4 061	1 864	2 092	1 147	369	137	19	2.48	32 645
1.01 to 1.50	134	—	—	—	8	15	73	21	17	6.10	785
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
Lacking complete plumbing for exclusive use	86	33	33	16	—	4	—	—	—	1.80	297
1.00 or less	86	33	33	16	—	4	—	—	—	1.80	297
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	10 596	1 442	3 691	1 778	1 959	1 112	431	150	33	2.59	29 434
2 or more	979	306	369	97	131	54	11	8	3	2.00	4 071
Mobile home or trailer, etc.	56	7	34	5	10	—	—	—	—	2.12	222
VALUE											
Specified owner-occupied housing units	10 289	1 394	3 579	1 716	1 913	1 096	419	147	25	2.60	28 020
Less than \$10,000	5	—	5	—	—	—	—	—	—	2.00	11
\$10,000 to \$19,999	404	138	142	49	52	11	6	6	—	1.95	892
\$20,000 to \$29,999	1 372	283	566	197	146	127	37	8	8	2.21	2 856
\$30,000 to \$39,999	2 391	447	767	403	417	231	101	25	—	2.48	5 918
\$40,000 to \$49,999	2 597	280	907	421	486	358	87	52	6	2.76	7 918
\$50,000 to \$59,999	1 790	152	738	343	352	120	53	32	—	2.51	4 792
\$60,000 to \$79,999	1 325	55	359	224	379	186	100	11	11	3.56	4 337
\$80,000 to \$99,999	251	34	65	57	31	52	6	6	—	2.96	749
\$100,000 to \$149,999	134	5	30	22	50	5	15	7	—	3.70	451
\$150,000 or more	20	—	—	—	6	—	14	—	—	5.79	96
Median	\$43 800	\$36 200	\$43 300	\$44 500	\$47 600	\$46 100	\$46 200	\$46 200	\$48 800	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	11 631	1 755	4 094	1 880	2 100	1 166	442	158	36	2.49	33 727
Median income	\$20 957	\$7 140	\$18 683	\$24 936	\$24 347	\$27 425	\$27 039	\$26 125	\$31 250	...	...
Median selected monthly owner costs as percentage of household income	16.1	25.1	14.6	13.2	17.6	14.9	14.9	15.3	13.0	...	...
With a mortgage	18.0	32.3	19.0	16.3	19.5	15.7	16.3	16.1	13.0	...	...
Not mortgaged	12.7	24.3	12.1	10—	10—	10—	10—	10—	—	...	...
Income in 1979 below poverty level	301	127	58	29	25	26	15	13	8	1.91	...
Median income	\$3 336	\$2 699	\$3 352	\$2 734	\$3 603	\$5 333	\$8 250	\$5 250	\$11 250	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	37.7	50+	50+	22.5	...	...
With a mortgage	50+	50+	32.5	50+	50+	45.0	50+	50+	22.5	...	...
Not mortgaged	50+	50+	50+	50+	—	35.9	17.5	27.5	—	...	...
Renter-occupied housing units	6 592	2 978	1 901	920	439	207	96	42	9	1.67	13 406
Nonrelatives present	519	—	369	89	32	20	5	4	—	2.20	1 300
ROOMS											
1 room	105	90	11	—	—	—	—	4	—	1.08	141
2 rooms	275	211	57	7	—	—	—	—	—	1.15	339
3 rooms	1 206	1 023	157	23	—	—	—	—	3	1.09	1 435
4 rooms	1 897	857	737	210	80	13	—	—	—	1.62	3 261
5 rooms	1 965	576	639	412	185	111	37	5	—	2.14	4 730
6 rooms	810	179	215	204	136	42	34	—	—	2.55	2 284
7 or more rooms	334	42	85	64	38	41	25	33	6	3.13	1 216
Median	4.4	3.7	4.5	5.0	5.3	5.3	5.8	7.2	6.8	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	6 415	2 817	1 895	916	433	207	96	42	9	1.71	13 200
1.00 or less	6 329	2 817	1 884	909	433	194	59	33	—	1.68	12 744
1.01 to 1.50	68	—	—	7	—	13	37	5	6	5.88	379
1.51 or more	18	—	11	—	—	—	—	4	3	2.32	77
Lacking complete plumbing for exclusive use	177	161	6	4	6	—	—	—	—	1.05	206
1.00 or less	177	161	6	4	6	—	—	—	—	1.05	206
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	711	172	208	158	97	36	14	26	—	2.38	1 919
2	3 671	1 318	1 159	618	320	162	82	12	—	1.95	8 199
3 and 4	588	340	163	62	14	5	—	4	—	1.36	921
5 to 9	284	201	71	12	—	—	—	—	—	1.21	370
10 to 49	867	585	227	34	8	4	—	—	9	1.24	1 325
50 or more	464	362	73	29	—	—	—	—	—	1.14	649
Mobile home or trailer, etc.	7	—	—	7	—	—	—	—	—	3.00	23
GROSS RENT											
Specified renter-occupied housing units	6 561	2 978	1 894	900	439	207	92	42	9	1.66	13 319
Less than \$100	420	386	30	4	—	—	—	—	—	1.04	444
\$100 to \$149	859	592	199	33	8	12	9	6	—	1.23	1 275
\$150 to \$199	1 418	769	439	137	49	10	—	5	9	1.42	2 380
\$200 to \$249	2 047	837	599	384	131	45	51	—	—	1.81	4 325
\$250 to \$299	917	216	346	166	104	74	6	5	—	2.20	2 283
\$300 to \$349	411	53	146	103	67	33	9	—	—	2.56	1 160
\$350 to \$399	154	24	28	31	37	22	—	12	—	3.31	531
\$400 to \$499	113	5	26	27	36	11	8	—	—	3.44	399
\$500 or more	31	12	3	—	7	—	5	4	—	3.57	147
No cash rent	191	84	78	15	—	—	4	10	—	1.65	375
Median	\$212	\$179	\$219	\$236	\$272	\$266	\$230	\$325	\$195	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	6 592	2 978	1 901	920	439	207	96	42	9	1.67	13 406
Median income	\$11 039	\$7 254	\$14 346	\$15 616	\$17 219	\$13 892	\$22 976	\$20 682	\$8 125	...	...
Median gross rent as percentage of household income	22.8	26.7	19.2	19.7	19.2	25.8	13.3	17.0	23.8	...	...
Income in 1979 below poverty level	845	481	120	128	44	45	6	12	9	1.38	...
Median income	\$3 253	\$2 723	\$3 254	\$4 095	\$3 986	\$7 981	\$8 750	\$10 357	\$8 125	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	34.4	32.5	48.6	23.8	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Sheboygan city	Married-couple families										Male householder, no wife present					Female householder, no husband present					Median age					
	15 to 24 years					25 to 34 years					35 to 44 years					45 to 64 years						65 years and over				
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years		65 years and over				
Owner-occupied housing units -----	11 631	191	1 833	1 719	3 566	1 652	72	101	78	188	342	21	94	109	503	1 162	53.2									
PERSONS IN UNIT -----	1 755	111	392	124	1 414	1 506	44	57	27	111	275	4	25	11	297	904	70.9									
1 person -----	4 094	42	371	204	931	1 04	22	20	19	57	49	5	25	53	105	192	62.6									
2 persons -----	1 880	21	783	597	592	22	6	17	27	3	8	12	15	13	61	66	51.0									
3 persons -----	2 100	17	204	520	369	11	11	5	5	17	7	20	20	13	40	—	38.0									
4 persons -----	1 166	636	83	274	260	9	2	2	2	3	3	5	4	19	—	—	41.0									
5 or more persons -----	2.49	3.70	6.95	7.44	11.20	2.05	1.32	1.39	2.13	1.35	1.12	2.63	2.38	2.32	1.35	1.14	43.2									
Median -----	33 727	567	6 695	7 449	11 205	3 405	106	248	176	380	452	70	276	305	911	1 482	...									
PLUMBING FACILITIES BY PERSONS PER ROOM -----																										
Complete plumbing for exclusive use -----	11 545	188	1 829	1 719	3 559	1 632	72	96	78	183	339	21	94	109	482	1 144	53.1									
1.01 or more persons per room -----	134	8	4	7	20	5	3	2	2	5	3	3	21	6	21	18	43.3									
Lacking complete plumbing for exclusive use -----	86	3	4	7	20	5	3	2	2	5	3	3	21	6	21	18	64.3									
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—									
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979 -----																										
Specified owner-occupied housing units -----	10 289	163	1 712	1 595	3 224	1 452	52	52	69	131	285	8	73	99	422	952	52.4									
With a mortgage -----	5 609	163	321	1 456	1 716	64	45	43	62	53	6	8	64	80	141	45	39.5									
Less than 15 percent -----	1 879	8	462	473	463	5	10	19	7	11	1	8	9	25	12	18	45.7									
15 to 19 percent -----	1 535	45	449	463	463	5	6	6	7	16	1	8	9	29	11	18	35.9									
20 to 24 percent -----	1 040	53	462	241	191	21	6	6	7	8	1	16	34	6	34	8	34.5									
25 to 29 percent -----	553	51	225	103	86	7	12	5	31	8	1	16	34	6	34	8	32.1									
30 to 34 percent -----	169	6	84	28	169	7	12	5	31	8	1	16	34	6	34	8	32.1									
35 percent or more -----	428	6	122	94	48	6	11	13	11	6	6	31	31	20	49	5	36.9									
Median -----	5	22.7	20.7	17.2	14.4	22.1	30.2	22.1	26.8	19.8	50.4	17.5	34.4	17.6	27.4	21.3	67.5									
Not computed -----	18.0		49	139	1 508	1 388	7	9	7	78	279	9	9	5	22	907	...									
Not mortgaged -----	4 680	1 802	17	109	116	326	27	27	22	44	7	27	22	127	58.9	281	66.4									
Less than 10 percent -----	979	26	26	24	246	435	28	28	28	5	70	35	35	14	57	83	58.9									
10 to 14 percent -----	574	26	26	24	81	273	28	28	28	5	70	35	35	14	57	83	68.1									
15 to 19 percent -----	556	26	26	24	81	273	28	28	28	5	70	35	35	14	57	83	68.1									
20 to 24 percent -----	261	7	7	7	46	39	7	7	7	6	11	11	11	11	11	11	74.7									
25 to 29 percent -----	194	7	7	7	46	39	7	7	7	6	11	11	11	11	11	11	74.7									
30 to 34 percent -----	314	7	7	7	46	39	7	7	7	6	11	11	11	11	11	11	75.3									
35 percent or more -----	12.7	—	11.4	10--	10--	14.2	45.0	10--	27.5	10--	20.9	12.5	12.5	16.6	18.1	23.8	...									
Median -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—									
Renter-occupied housing units -----	6 592	517	670	198	424	478	437	401	197	227	184	553	634	206	500	966	36.3									
PERSONS IN UNIT -----	2 978	210	217	12	186	436	254	285	139	178	173	325	301	70	352	901	53.8									
1 person -----	1 901	172	226	63	129	37	160	91	42	14	11	144	172	45	106	355	33.4									
2 persons -----	920	98	122	42	69	15	23	15	6	25	6	66	98	32	18	10	29.3									
3 persons -----	439	24	66	33	25	5	5	5	5	4	1	12	45	36	10	10	31.8									
4 or more persons -----	147	13	302	407	270	2.05	1.36	1.20	1.21	1.14	1.03	1.35	1.59	2.23	1.21	1.04	37.7									
Median -----	13 406	1 639	2 240	912	1 239	1 044	643	599	283	325	187	932	1 165	505	736	957	...									
PLUMBING FACILITIES BY PERSONS PER ROOM -----																										
Complete plumbing for exclusive use -----	6 415	517	670	198	424	472	418	382	179	190	164	531	629	200	493	948	36.0									
1.01 or more persons per room -----	86	19	41	10	7	6	19	5	18	4	20	22	5	6	7	18	31.9									
Lacking complete plumbing for exclusive use -----	177	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	44.9									
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—									
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979 -----																										
Specified renter-occupied housing units -----	6 561	517	660	194	424	471	437	401	197	227	184	553	634	206	500	956	36.2									
Less than 15 percent -----	1 491	183	206	87	214	44	129	138	105	90	6	32	85	73	64	32	34.0									
15 to 19 percent -----	1 177	104	223	33	54	67	59	70	41	22	17	99	151	29	97	111	30.4									
20 to 24 percent -----	860	51	91	30	37	30	66	98	8	15	26	65	97	32	53	57	32.9									
25 to 29 percent -----	738	31	64	4	15	60	71	26	8	21	34	44	92	32	65	135	39.5									
30 to 34 percent -----	405	31	26	7	15	31	10	18	20	13	32	45	62	32	64	225	51.5									
35 to 49 percent -----	831	45	26	13	22	118	26	17	12	13	41	95	66	32	72	189	61.8									
50 percent or more -----	810	52	26	17	28	118	26	17	12	13	41	95	66	32	72	189	61.8									
Median -----	24.9	18.5	17.7	15.8	14.0	26.4	21.7	19.0	13.7	16.8	30.5	33.5	24.2	25.2	26.7	31.7	60.1									

Table B—11. **Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Sheboygan city	Male householder							Female householder						
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units	1 755	514	44	57	27	111	275	1 241	4	25	11	297	904	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	1 722	509	44	57	27	109	272	1 213	4	25	11	283	890	
Lacking complete plumbing for exclusive use	33	5	—	—	—	2	3	28	—	—	—	14	14	
UNITS IN STRUCTURE														
1, detached or attached	1 442	409	30	28	27	83	241	1 033	—	19	8	256	750	
2 or more	306	101	10	29	—	28	34	205	4	6	3	41	151	
Mobile home or trailer, etc.	7	4	4	—	—	—	—	3	—	—	—	—	3	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000	494	75	13	—	—	12	50	419	—	3	—	52	364	
\$5,000 to \$9,999	756	178	—	—	15	11	152	578	—	19	8	126	425	
\$10,000 to \$12,499	171	65	11	3	6	4	41	106	4	3	3	27	69	
\$12,500 to \$14,999	95	47	8	18	—	8	11	50	—	—	—	37	13	
\$15,000 to \$19,999	137	77	12	26	—	33	6	60	—	—	—	55	5	
\$20,000 to \$24,999	71	49	—	7	—	37	5	22	—	—	—	—	22	
\$25,000 to \$34,999	19	13	—	3	—	6	4	6	—	—	—	—	6	
\$35,000 to \$49,999	6	6	—	—	—	—	—	—	—	—	—	—	—	
\$50,000 or more	6	6	—	—	—	—	—	—	—	—	—	—	—	
Median	\$7 140	\$10 154	\$12 045	\$16 172	\$9 750	\$17 440	\$7 083	\$6 508	\$11 250	\$7 625	\$9 219	\$8 810	\$5 843	
Mean	\$8 934	\$12 376	\$10 778	\$17 232	\$15 316	\$15 862	\$9 929	\$7 509	\$11 035	\$7 470	\$10 306	\$9 683	\$6 746	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units	1 394	392	30	28	27	72	235	1 002	—	16	8	247	731	
With a mortgage	178	93	23	19	27	18	6	85	—	7	—	59	19	
Less than \$200	23	4	—	—	—	4	—	19	—	—	—	14	5	
\$200 to \$249	44	31	—	7	10	8	6	13	—	—	—	13	—	
\$250 to \$299	44	11	—	—	11	—	—	33	—	7	—	17	9	
\$300 to \$349	6	6	—	6	—	—	—	—	—	—	—	—	—	
\$350 to \$399	32	12	6	—	6	—	—	20	—	—	—	15	5	
\$400 to \$499	17	17	11	6	—	—	—	—	—	—	—	—	—	
\$500 to \$599	12	12	6	—	—	6	—	—	—	—	—	—	—	
\$600 to \$749	—	—	—	—	—	—	—	—	—	—	—	—	—	
\$750 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	
Median	\$275	\$304	\$475	\$321	\$266	\$231	\$225	\$266	\$275	\$275	\$257	\$275	\$275	
Not mortgaged	1 216	299	7	9	—	54	229	917	9	8	188	712		
Less than \$50	19	—	—	—	—	—	—	19	—	—	—	—	19	
\$50 to \$74	73	22	—	9	—	—	—	51	—	9	—	13	29	
\$75 to \$99	375	103	—	—	—	14	89	272	—	—	—	38	234	
\$100 to \$124	427	106	—	—	—	17	89	321	—	—	8	64	249	
\$125 to \$149	213	48	7	—	—	13	28	165	—	—	—	31	134	
\$150 to \$199	75	10	—	—	—	5	5	65	—	—	—	25	40	
\$200 to \$249	34	10	—	—	—	5	5	24	—	—	—	17	7	
\$250 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	
Median	\$133	\$131	\$175	\$88	—	\$144	\$129	\$134	—	\$88	\$138	\$142	\$132	
SELECTED CHARACTERISTICS														
Median selected monthly owner costs as percentage of household income in 1979	25.1	22.6	44.3	18.6	28.8	12.3	22.7	26.3	—	14.4	17.5	24.4	26.9	
With a mortgage	32.3	32.3	34.8	22.1	28.8	23.1	50+	32.2	—	37.5	—	28.2	33.9	
Not mortgaged	24.3	21.0	45.0	10—	—	10—	22.4	25.7	—	12.5	17.5	19.9	26.6	
Income in 1979 below poverty level	127	33	6	—	—	12	15	94	—	3	—	32	59	
Percent below poverty level	7.2	6.4	13.6	—	—	10.8	5.5	7.6	—	12.0	—	10.8	6.5	
Renter-occupied housing units	2 978	1 029	254	285	139	178	173	1 949	325	301	70	352	901	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	2 817	920	235	266	121	145	153	1 897	303	296	70	345	883	
Lacking complete plumbing for exclusive use	161	109	19	19	18	33	20	52	22	5	—	7	18	
UNITS IN STRUCTURE														
1, detached or attached	172	67	—	31	—	27	9	105	7	7	10	41	40	
2	1 318	399	92	135	38	49	85	919	192	186	33	216	292	
3 and 4	340	142	42	29	16	44	11	198	43	38	6	23	80	
5 to 9	201	121	37	24	26	28	6	80	17	20	—	12	31	
10 to 49	585	208	63	48	36	24	37	377	53	44	15	53	212	
50 or more	362	92	20	18	23	6	25	270	13	6	6	7	238	
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000	1 105	259	70	22	11	52	104	846	138	22	10	105	571	
\$5,000 to \$9,999	870	219	45	55	22	42	55	651	130	92	15	152	262	
\$10,000 to \$12,499	301	111	52	25	8	20	6	190	30	95	14	31	20	
\$12,500 to \$14,999	277	150	40	75	6	21	8	127	11	44	7	31	34	
\$15,000 to \$19,999	295	191	37	67	48	39	—	104	16	40	19	21	8	
\$20,000 to \$24,999	75	49	—	28	21	—	—	26	—	8	—	12	6	
\$25,000 to \$34,999	10	10	—	6	—	4	—	—	—	—	—	—	—	
\$35,000 to \$49,999	28	23	—	—	23	—	—	5	—	—	5	—	—	
\$50,000 or more	17	17	10	7	—	—	—	—	—	—	—	—	—	
Median	\$7 254	\$10 822	\$10 577	\$13 850	\$16 940	\$9 537	\$4 549	\$5 965	\$6 075	\$10 961	\$11 786	\$6 972	\$4 442	
Mean	\$10 110	\$15 593	\$24 688	\$16 167	\$17 676	\$9 952	\$5 424	\$7 215	\$6 261	\$10 907	\$13 047	\$8 013	\$5 561	
GROSS RENT														
Specified renter-occupied housing units	2 978	1 029	254	285	139	178	173	1 949	325	301	70	352	901	
Less than \$100	386	77	7	—	6	27	37	309	—	—	10	41	258	
\$100 to \$149	592	261	48	22	43	67	81	331	46	57	19	53	156	
\$150 to \$199	769	234	67	93	37	6	31	535	145	96	14	125	155	
\$200 to \$249	837	312	84	137	31	49	11	525	111	128	14	81	191	
\$250 to \$299	216	69	31	14	10	6	8	147	13	12	—	26	96	
\$300 to \$349	53	21	—	5	12	4	—	32	10	—	8	5	9	
\$350 to \$399	24	16	7	9	—	—	—	8	—	8	—	—	—	
\$400 to \$499	5	—	—	—	—	—	—	5	—	—	5	—	—	
\$500 or more	12	—	—	—	—	—	—	12	—	—	—	4	8	
No cash rent	84	39	10	5	—	19	5	45	—	—	—	17	28	
Median	\$179	\$183	\$200	\$212	\$176	\$131	\$136	\$176	\$190	\$199	\$184	\$169	\$154	
SELECTED CHARACTERISTICS														
Median gross rent as percentage of household income in 1979	26.7	22.4	25.1	21.1	13.0	21.5	31.3	29.0	35.7	21.5	19.3	28.5	33.1	
Income in 1979 below poverty level	481	130	49	22	6	38	15	351	104	17	—	65	165	
Percent below poverty level	16.2	12.6	19.3	7.7	4.3	21.3	8.7	18.0	32.0	5.6	—	18.5	18.3	

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Sheboygan city	Total	Less than 2 months	2 up to 6 months	6 or more months	Sheboygan city	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units -----	111	16	64	31	Vacant for rent housing units -----	257	136	104	17
ROOMS					ROOMS				
1 to 3 rooms -----	6	—	—	6	1 room -----	6	—	6	—
4 rooms -----	—	—	—	—	2 rooms -----	—	—	—	—
5 rooms -----	47	3	36	8	3 rooms -----	55	28	27	—
6 rooms -----	9	5	4	—	4 rooms -----	73	47	15	11
7 rooms -----	30	8	16	6	5 rooms -----	102	43	56	3
8 or more rooms -----	19	—	8	11	6 rooms -----	18	18	—	—
Median -----	5.8	6.5	5.4	6.8	7 or more rooms -----	3	—	—	3
					Median -----	4.4	4.4	4.6	4.3
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use -----	111	16	64	31	Complete plumbing for exclusive use -----	251	136	98	17
Lacking complete plumbing for exclusive use -----	—	—	—	—	Lacking complete plumbing for exclusive use -----	6	—	6	—
BEDROOMS					BEDROOMS				
None -----	—	—	—	—	None -----	6	—	6	—
1 -----	6	—	—	6	1 -----	69	30	39	—
2 -----	11	3	—	8	2 -----	143	91	47	5
3 -----	83	13	56	14	3 -----	35	11	12	12
4 -----	6	—	3	3	4 -----	4	4	—	—
5 or more -----	5	—	5	—	5 or more -----	—	—	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980 -----	19	—	19	—	1975 to March 1980 -----	72	59	13	—
1970 to 1974 -----	4	—	—	4	1970 to 1974 -----	19	15	4	—
1960 to 1969 -----	3	3	—	—	1960 to 1969 -----	11	—	11	—
1950 to 1959 -----	4	—	—	4	1950 to 1959 -----	9	4	5	—
1940 to 1949 -----	4	—	4	—	1940 to 1949 -----	23	6	17	—
1939 or earlier -----	77	13	41	23	1939 or earlier -----	123	52	54	17
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached -----	95	16	54	25	1, detached or attached -----	16	4	—	12
2 or more -----	16	—	10	6	2 -----	124	52	67	5
Mobile home or trailer -----	—	—	—	—	3 and 4 -----	65	49	16	—
HEATING EQUIPMENT					5 to 9 -----	6	—	6	—
Central heating system -----	105	16	64	25	10 to 49 -----	35	31	4	—
Other means -----	6	—	—	6	50 or more -----	11	—	11	—
None -----	—	—	—	—	Mobile home or trailer -----	—	—	—	—
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units -----	95	16	54	25	Specified vacant for rent housing units -----	257	136	104	17
Less than \$10,000 -----	—	—	—	—	Less than \$100 -----	25	5	20	—
\$10,000 to \$19,999 -----	6	—	—	6	\$100 to \$149 -----	38	9	24	5
\$20,000 to \$29,999 -----	14	—	6	8	\$150 to \$199 -----	89	52	25	12
\$30,000 to \$39,999 -----	17	8	9	—	\$200 to \$249 -----	49	27	22	—
\$40,000 to \$49,999 -----	35	3	32	—	\$250 to \$299 -----	56	43	13	—
\$50,000 to \$59,999 -----	13	5	—	8	\$300 to \$399 -----	—	—	—	—
\$60,000 to \$79,999 -----	10	—	7	3	\$400 or more -----	—	—	—	—
\$80,000 to \$99,999 -----	—	—	—	—	Median -----	\$179	\$202	\$172	\$156
\$100,000 or more -----	—	—	—	—					
Median -----	\$42 800	\$37 500	\$43 800	\$29 500					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Sheboygan city								Sheboygan city							
Total -----	95	—	20	52	23	—	42 800	257	25	127	105	—	—	—	179
PLUMBING FACILITIES								PLUMBING FACILITIES							
Complete plumbing for exclusive use -----	95	—	20	52	23	—	42 800	251	25	127	99	—	—	—	178
Lacking complete plumbing for exclusive use -----	—	—	—	—	—	—	—	6	—	—	6	—	—	—	238
BEDROOMS								BEDROOMS							
None -----	—	—	—	—	—	—	—	6	—	—	6	—	—	—	238
1 -----	—	—	—	—	—	—	—	69	12	55	2	—	—	—	155
2 -----	11	—	—	3	8	—	51 600	143	8	60	75	—	—	—	205
3 -----	73	—	17	44	12	—	42 300	35	5	12	18	—	—	—	226
4 -----	6	—	3	—	3	—	50 000	4	—	—	4	—	—	—	238
5 or more -----	5	—	—	5	—	—	37 500	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT								YEAR STRUCTURE BUILT							
1975 to March 1980 -----	19	—	—	12	7	—	49 000	72	—	8	64	—	—	—	260
1970 to 1974 -----	4	—	—	—	4	—	52 500	19	—	—	19	—	—	—	216
1960 to 1969 -----	3	—	—	3	—	—	42 500	11	—	11	—	—	—	—	125
1950 to 1959 -----	4	—	—	—	4	—	52 500	9	—	5	4	—	—	—	199
1940 to 1949 -----	4	—	—	4	—	—	47 500	23	5	6	12	—	—	—	226
1939 or earlier -----	61	—	20	33	8	—	34 400	123	20	97	6	—	—	—	157
UNITS IN STRUCTURE								UNITS IN STRUCTURE							
1, detached or attached -----	95	—	20	52	23	—	42 800	16	—	12	4	—	—	—	177
2 or more -----	—	—	—	—	—	—	—	241	25	115	101	—	—	—	179
Mobile home or trailer -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Appendix A.—Area Classifications

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REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

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through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

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any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder

Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder

Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin

A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin

The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage

The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

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heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

Appendix B.—Definitions and Explanations of Subject Characteristics

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Appendix B.—Definitions and Explanations of Subject Characteristics

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years							
		None	1	2	3	4	5	6	7 8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586 14,024



Appendix C.—General Enumeration and Processing Procedures

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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

<i>Group</i>	<i>Persons in Housing Units With a Family With Own Children Under 18</i>
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Persons in Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>Persons in All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	<i>Persons in group quarters</i>

Stage II—Householder/
Nonhouseholder

Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish
Origin

Group	White Race
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the un-weighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin
of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	<i>Persons Not of Spanish Origin</i>

9-16 Same value categories as groups 1 to 8

Black Race

17-32 Same value—Spanish origin categories as groups 1 to 16

Asian, Pacific Islander Race

33-48 Same value—Spanish origin categories as groups 1 to 16

American Indian, Eskimo, or Aleut Race

49-64 Same value—Spanish origin categories as groups 1 to 16

Other Race (includes those races not listed above)

65-80 Same value—Spanish origin categories as groups 1 to 16

Renter

White Race

*Persons of Spanish Origin
Rent Categories*

81	\$1 to \$59
82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent

Persons not of Spanish origin

92-102 Same rent categories as groups 81 to 91

Black Race

103-124 Same rent—Spanish origin categories as groups 81 to 102

Asian, Pacific Islander Race

125-146 Same rent—Spanish origin categories as groups 81 to 102

American Indian, Eskimo, or Aleut Race

147-168 Same rent—Spanish origin categories as groups 81 to 102

Other Race (includes those races not listed above)

169-190 Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group

1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total ^{1/}	Size of publication area ^{2/}													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

^{1/} For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

 \hat{Y} = Estimate of characteristic total

^{2/} The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage ^{1/}													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2	
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2	

^{1/} For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

 \hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.0	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	1.0	0.5
Vacant price asked and vacant rent asked..	1.1	0.9	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.0	1.0	0.5
Stories in structure.....	0.9	0.9	0.5
Passenger elevator.....	0.9	0.9	0.4
Persons in unit.....	1.0	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.0	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.0	0.9	0.5
Air conditioning.....	1.1	1.0	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.0	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.2	1.0	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.0	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.0	0.8	0.5
Value.....	1.0	1.0	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

The SMSA -----
PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's
Sheboygan city -----

Housing units	
100-percent count	Percent in sample
37 351	24.8
18 818	16.1



Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished** this grade (or year) only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark **Yes, but also used by another household** if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.

Mark **Rented for cash** rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.

- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12.** Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13.** Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a.** Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a.** A *city or suburban lot* is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16.** If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17.** A *public sewer* is operated by a government body or a private organization. A *septic tank* or *cesspool* is an underground tank or pit used for disposal of sewage.

- H19.** The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into *this* house or apartment.

- H20.** This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21.** *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22.** If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

- H23.** The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26.** Answer *Yes only* if the telephone is located *in* your living quarters.

- H27.** Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29.** Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32.** Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30.** Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31.** When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a.** The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular island in the Caribbean, not, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark **No**, only speaks English if the person always speaks English at home; then skip to question 14.

Mark **Yes** if the person speaks a language other than English at home. Do not mark **Yes** for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.
- c. Fill the circle that best describes the person's *ability* to speak English.
 - (1) The circle **Very well** should be filled for persons who have no difficulty speaking English.
 - (2) The circle **Well** should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
 - (3) The circle **Not well** should be filled for persons who are seriously limited in their ability to speak English.
 - (4) The circle **Not at all** should be filled for persons who do not speak English at all.

14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark **Yes**, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark **No**, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark **Yes** if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark **Yes** only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark **No** if the person was in the National Guard or the reserves.

- b. Mark **Yes** if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark **No** if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark **Yes**, full time if the person worked full time (35 hours or more per week). Mark **Yes**, part time if the person worked part time (less than 35 hours per week). Mark **No** if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark **Yes** if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark **Yes** *only* if the person was ever called to active duty; mark **No** if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.

b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.

c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.

d. Do not include riders who rode to school or some other non-work destination.

25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

b. Mark **No**, *already has a job* if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, *temporarily ill* if the person expects to be able to work within 30 days.

Mark **No**, *other reasons* if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification,
please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL
llame a la oficina del censo. El número de teléfono se encuentra en
el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario
por correo en el sobre que se le incluye.

A message from the Director, Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

How to fill out your Census Form

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office.
The telephone number of the local office is
shown at the bottom of the address box on the
front cover.

Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly.

Make sure that answers are provided for everyone here

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

Answer the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household

Check your answers. Then write your name, the date, and telephone number on page 20.

Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope; no stamp is needed.

Please start by answering Question 1 below

Question 1

List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

Do Not List in Question 1

- Any person away from here in the Armed Forces
- Any college student who stays somewhere else while attending college
- Any person who usually stays somewhere else most of the week while working there
- Any person away from here in an institution such as a home for the aged or mental hospital
- Any person staying or visiting here who has a usual home elsewhere

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

[illegible]

Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box ☐.

Then please

- answer the questions on pages 2 through 5 only, and
- enter the address of your usual home on page 20.

Please continue →

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1			PERSON in column 2		
		Last name	First name	Middle initial	Last name	First name	Middle initial
2. How is this person related to the person in column 1? Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.		START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.			If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee		
3. Sex Fill one circle.		<input type="radio"/> Male <input checked="" type="checkbox"/> Female			<input type="radio"/> Male <input checked="" type="checkbox"/> Female		
4. Is this person — Fill one circle.		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="checkbox"/> Indian (Amer.) Print tribe →			<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="checkbox"/> Indian (Amer.) Print tribe →		
5. Age, and month and year of birth a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.		a. Age at last birthday: [] b. Month of birth: [] c. Year of birth: [] [] [] [] <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.			a. Age at last birthday: [] b. Month of birth: [] c. Year of birth: [] [] [] [] <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.		
6. Marital status Fill one circle.		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced			<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		
7. Is this person of Spanish/Hispanic origin or descent? Fill one circle.		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic			<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		
8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related			<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		
9. What is the highest grade (or year) of regular school this person has ever attended? Fill one circle. If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) [] 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10			Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) [] 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10		
10. Did this person finish the highest grade (or year) attended? Fill one circle.		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)			<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		
		CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O			CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O		

→ **NOW PLEASE ANSWER QUESTIONS H1—H12
FOR YOUR HOUSEHOLD**

If you listed more than 7 persons in Question 1, please see note on page 20.

PERSON in column 7	
Last name	Middle initial
First name	
If relative of person in column 1:	
<input type="radio"/> Husband/wife <input type="radio"/> Son/daughter <input type="radio"/> Brother/sister	<input type="radio"/> Father/mother <input type="radio"/> Other relative
If not related to person in column 1:	
<input type="radio"/> Roomer, boarder <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	<input type="radio"/> Other nonrelative
<input type="radio"/> Male <input type="radio"/> Female	
<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify _____ <input type="radio"/> Indian (Amer.)	
Print tribe → _____	
a. Age at last birthday	c. Year of birth
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
b. Month of birth	
<input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	
<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
Highest grade attended:	
<input type="radio"/> Nursery school <input type="radio"/> Kindergarten	
Elementary through high school (grade or year)	
1 2 3 4 5 6 7 8 9 10 11 12	
College (academic year)	
1 2 3 4 5 6 7 8 or more	
<input type="radio"/> Never attended school—Skip question 10	
<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
CENSUS USE ONLY	

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?

- ☐ Yes — On page 20 give name(s) and reason left out.
☐ No

H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

- ☐ Yes — On page 20 give name(s) and reason person is away.
☐ No

H3. Is anyone visiting here who is not already listed?

- ☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.
☐ No

H4. How many living quarters, occupied and vacant, are at this address?

- ☐ One
☐ 2 apartments or living quarters
☐ 3 apartments or living quarters
☐ 4 apartments or living quarters
☐ 5 apartments or living quarters
☐ 6 apartments or living quarters
☐ 7 apartments or living quarters
☐ 8 apartments or living quarters
☐ 9 apartments or living quarters
☐ 10 or more apartments or living quarters
☐ This is a mobile home or trailer

H5. Do you enter your living quarters —

- ☐ Directly from the outside or through a common or public hall?
☐ Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

- ☐ Yes, for this household only
☐ Yes, but also used by another household
☐ No, have some but not all plumbing facilities
☐ No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters?

Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

- ☐ 1 room ☐ 2 rooms ☐ 3 rooms ☐ 4 rooms ☐ 5 rooms ☐ 6 rooms ☐ 7 rooms ☐ 8 rooms ☐ 9 or more rooms

H8. Are your living quarters —

- ☐ Owned or being bought by you or by someone else in this household?
☐ Rented for cash rent?
☐ Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

- ☐ No
☐ Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?

- ☐ Yes ☐ No

b. Is any part of the property used as a commercial establishment or medical office?

- ☐ Yes ☐ No

H11. If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

- ☐ A mobile home or trailer
☐ A house on 10 or more acres
☐ A house with a commercial establishment or medical office on the property

- ☐ Less than \$10,000 ☐ \$50,000 to \$54,999
☐ \$10,000 to \$14,999 ☐ \$55,000 to \$59,999
☐ \$15,000 to \$19,999 ☐ \$60,000 to \$64,999
☐ \$17,500 to \$19,999 ☐ \$65,000 to \$69,999
☐ \$20,000 to \$22,499 ☐ \$70,000 to \$74,999
☐ \$22,500 to \$24,999 ☐ \$75,000 to \$79,999
☐ \$25,000 to \$27,499 ☐ \$80,000 to \$89,999
☐ \$27,500 to \$29,999 ☐ \$90,000 to \$99,999
☐ \$30,000 to \$34,999 ☐ \$100,000 to \$124,999
☐ \$35,000 to \$39,999 ☐ \$125,000 to \$149,999
☐ \$40,000 to \$44,999 ☐ \$150,000 to \$199,999
☐ \$45,000 to \$49,999 ☐ \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

- ☐ Less than \$50 ☐ \$160 to \$169
☐ \$50 to \$59 ☐ \$170 to \$179
☐ \$60 to \$69 ☐ \$180 to \$189
☐ \$70 to \$79 ☐ \$190 to \$199
☐ \$80 to \$89 ☐ \$200 to \$224
☐ \$90 to \$99 ☐ \$225 to \$249
☐ \$100 to \$109 ☐ \$250 to \$274
☐ \$110 to \$119 ☐ \$275 to \$299
☐ \$120 to \$129 ☐ \$300 to \$349
☐ \$130 to \$139 ☐ \$350 to \$399
☐ \$140 to \$149 ☐ \$400 to \$499
☐ \$150 to \$159 ☐ \$500 or more

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A4. Block number	A6. Serial number	B. Type of unit or quarters	For vacant units	D. Months vacant	F. Total persons
		Occupied <input type="radio"/> First form <input type="radio"/> Continuation Vacant <input type="radio"/> Regular <input type="radio"/> Usual home elsewhere Group quarters <input type="radio"/> First form <input type="radio"/> Continuation	C1. Is this unit for — <input type="radio"/> Year round use <input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D. C2. Vacancy status <input type="radio"/> For rent <input type="radio"/> For sale only <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Held for occasional use <input type="radio"/> Other vacant C3. Is this unit boarded up? <input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Less than 1 month <input type="radio"/> 1 up to 2 months <input type="radio"/> 2 up to 6 months <input type="radio"/> 6 up to 12 months <input type="radio"/> 1 year up to 2 years <input type="radio"/> 2 or more years E. Indicators 1. <input type="radio"/> Mail return 2. <input type="radio"/> Pop/F	

H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc. 	H21 a. Which fuel is used most for house heating? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used b. Which fuel is used most for water heating? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	CENSUS USE H22a. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <input type="radio"/> 1 to 3 — Skip to H15 <input type="radio"/> 4 to 6 <input type="radio"/> 7 to 12 <input type="radio"/> 13 or more stories b. Is there a passenger elevator in this building? <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	c. Which fuel is used most for cooking? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	H22b. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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H15a. Is this building — <ul style="list-style-type: none"> <input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16 <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres? b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to — <ul style="list-style-type: none"> <input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input type="radio"/> \$250 to \$599 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$2,500 or more 	H22. What are the costs of utilities and fuels for your living quarters? a. Electricity \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used	H22c. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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H16. Do you get water from — <ul style="list-style-type: none"> <input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)? 	c. Water \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	H22d. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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H17. Is this building connected to a public sewer? <ul style="list-style-type: none"> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means 	H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator. <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 or more bedrooms 																											
H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier 	H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms 	H26. Do you have a telephone in your living quarters? <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 																											
H19. When did the person listed in column 1 move into this house (or apartment)? <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1949 or earlier <input type="radio"/> Always lived here 	H27. Do you have air conditioning? <ul style="list-style-type: none"> <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No 	H28. How many automobiles are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 or more automobiles 																											
H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here) <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment 	H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 van or truck <input type="radio"/> 2 vans or trucks <input type="radio"/> 3 or more vans or trucks 	H30. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 van or truck <input type="radio"/> 2 vans or trucks <input type="radio"/> 3 or more vans or trucks 																											

FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is –

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ _____ .00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ _____ .00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

☐ Yes, mortgage, deed of trust, or similar debt

☐ Yes, contract to purchase

☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ _____ .00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

☐ Yes, taxes included in payment

☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

☐ Yes, insurance included in payment

☐ No, insurance paid separately or no insurance

Please turn to page 6

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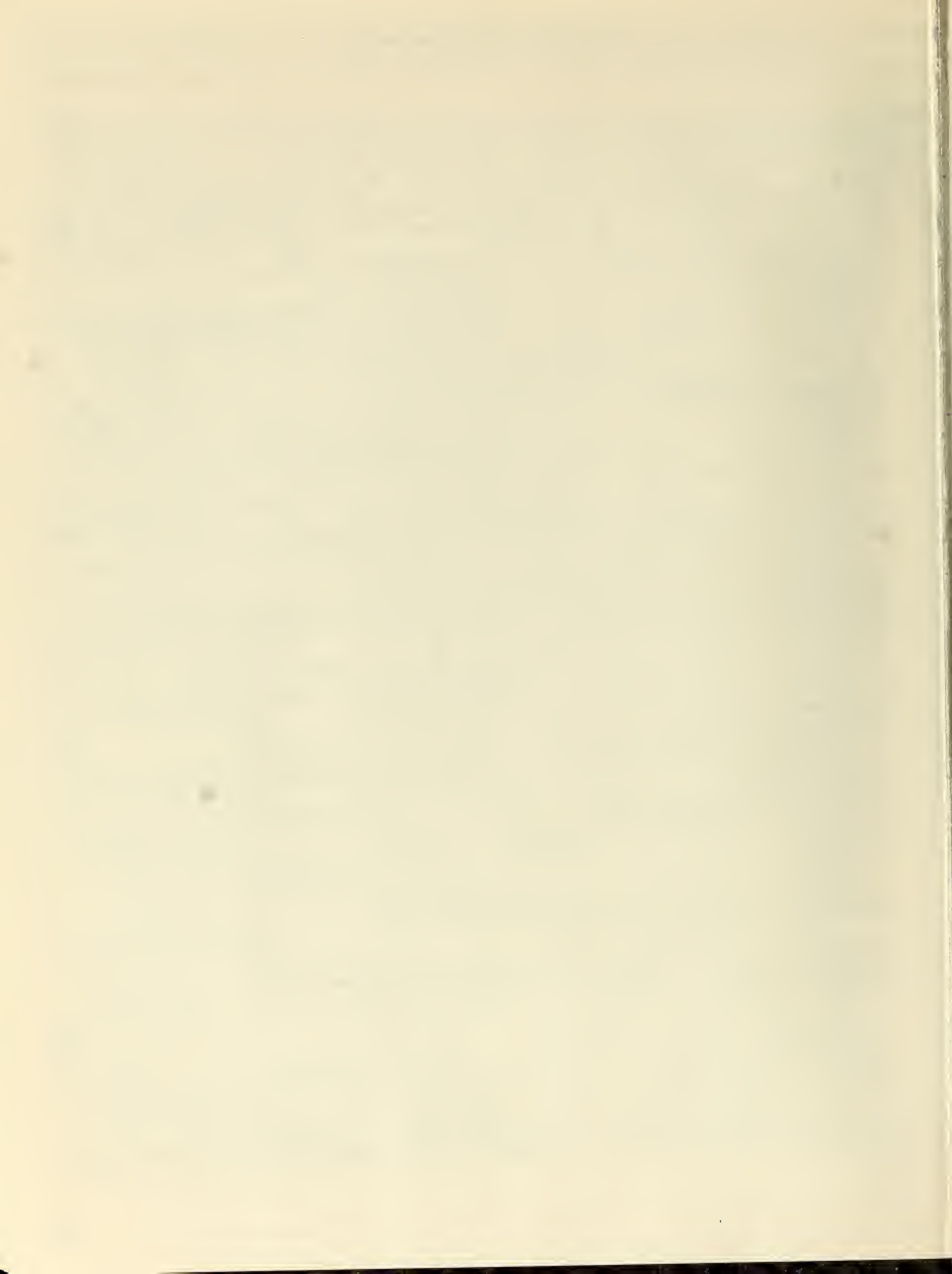
Page 6

ANSWER THESE QUESTIONS FOR

<p>Name of Person 1 on page 2:</p> <p>_____ Last name First name Middle initial</p> <p>11. In what State or foreign country was this person born? <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i></p> <p>_____ <i>Name of State or foreign country; or Puerto Rico, Guam, etc.</i></p> <p>12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States?</p> <p><input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="radio"/> Born abroad of American parents</p> <p>b. When did this person come to the United States to stay?</p> <p><input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950</p> <p>13a. Does this person speak a language other than English at home?</p> <p><input type="radio"/> Yes <input type="radio"/> No, only speaks English — <i>Skip to 14</i></p> <p>b. What is this language?</p> <p>_____ <i>(For example — Chinese, Italian, Spanish, etc.)</i></p> <p>c. How well does this person speak English?</p> <p><input type="radio"/> Very well <input type="radio"/> Not well <input type="radio"/> Well <input type="radio"/> Not at all</p> <p>14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.</p> <p>_____ <i>(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</i></p> <p>15a. Did this person live in this house five years ago (April 1, 1975)? <i>If in college or Armed Forces in April 1975, report place of residence there.</i></p> <p><input type="radio"/> Born April 1975 or later — <i>Turn to next page for next person</i> <input type="radio"/> Yes, this house — <i>Skip to 16</i> <input type="radio"/> No, different house</p> <p>b. Where did this person live five years ago (April 1, 1975)?</p> <p>(1) State, foreign country, Puerto Rico, Guam, etc.: _____</p> <p>(2) County: _____</p> <p>(3) City, town, village, etc.: _____</p> <p>(4) Inside the incorporated (legal) limits of that city, town, village, etc.?</p> <p><input type="radio"/> Yes <input type="radio"/> No, in unincorporated area</p>	<p>16. When was this person born?</p> <p><input type="radio"/> Born before April 1965 — <i>Please go on with questions 17-33</i> <input type="radio"/> Born April 1965 or later — <i>Turn to next page for next person</i></p> <p>17. In April 1975 (five years ago) was this person — a. On active duty in the Armed Forces?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>b. Attending college?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>c. Working at a job or business?</p> <p><input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time</p> <p>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? <i>If service was in National Guard or Reserves only, see instruction guide.</i></p> <p><input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 19</i></p> <p>b. Was active-duty military service during — <i>Fill a circle for each period in which this person served.</i></p> <p><input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964–April 1975) <input type="radio"/> February 1955–July 1964 <input type="radio"/> Korean conflict (June 1950–January 1955) <input type="radio"/> World War II (September 1940–July 1947) <input type="radio"/> World War I (April 1917–November 1918) <input type="radio"/> Any other time</p> <p>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .</p> <p>a. Limits the kind or amount of work this person can do at a job? . . . Yes No <input type="radio"/> <input type="radio"/></p> <p>b. Prevents this person from working at a job? <input type="radio"/> <input type="radio"/></p> <p>c. Limits or prevents this person from using public transportation? . . . <input type="radio"/> <input type="radio"/></p> <p>20. If this person is a female — None 1 2 3 4 5 6 How many babies has she ever had, not counting stillbirths? <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p><i>Do not count her stepchildren or children she has adopted.</i> 7 8 9 10 11 12 or more <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>21. If this person has ever been married — a. Has this person been married more than once?</p> <p><input type="radio"/> Once <input type="radio"/> More than once</p> <p>b. Month and year of marriage? Month and year of first marriage?</p> <p>(Month) (Year) (Month) (Year)</p> <p>c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>	<p>22a. Did this person work at any time last week?</p> <p><input type="radio"/> Yes — <i>Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i> <input type="radio"/> No — <i>Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</i></p> <p style="text-align: center;"><i>Skip to 25</i></p> <p>b. How many hours did this person work last week (at all jobs)? <i>Subtract any time off; add overtime or extra hours worked.</i></p> <p>Hours <input type="text"/></p> <p>23. At what location did this person work last week? <i>If this person worked at more than one location, print where he or she worked most last week.</i> <i>If one location cannot be specified, see instruction guide.</i></p> <p>a. Address (Number and street) _____ <i>If street address is not known, enter the building name, shopping center, or other physical location description.</i></p> <p>b. Name of city, town, village, borough, etc. _____</p> <p>c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?</p> <p><input type="radio"/> Yes <input type="radio"/> No, in unincorporated area</p> <p>d. County _____</p> <p>e. State _____ f. ZIP Code _____</p> <p>24a. Last week, how long did it usually take this person to get from home to work (one way)?</p> <p>Minutes <input type="text"/></p> <p>b. How did this person usually get to work last week? <i>If this person used more than one method, give the one usually used for most of the distance.</i></p> <p><input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input type="radio"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — <i>Specify</i> _____</p> <p><i>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</i></p>					
FOR CENSUS USE ONLY							
Per No.	11.	13b.	14.	15b.	23.	VL	24a.
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>c. When going to work last week, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i> <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van last week?</p> <p><input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6</p> <p><input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p> <p>25. Was this person temporarily absent or on layoff from a job or business last week?</p> <p><input type="radio"/> Yes, on layoff</p> <p><input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.</p> <p><input type="radio"/> No</p> <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 27</i></p> <p>b. Could this person have taken a job last week?</p> <p><input type="radio"/> No, already has a job</p> <p><input type="radio"/> No, temporarily ill</p> <p><input type="radio"/> No, other reasons (<i>in school, etc.</i>)</p> <p><input type="radio"/> Yes, could have taken a job</p> <p>27. When did this person last work, even for a few days?</p> <table border="0"><tr><td>1980</td><td>1978</td><td>1970 to 1974</td></tr><tr><td>1979</td><td>1975 to 1977</td><td>1969 or earlier</td></tr></table> <p><i>Skip to 31d</i> <i>Never worked</i></p> <p>28—30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.</i></p> <p>28. Industry</p> <p>a. For whom did this person work? <i>If now on active duty in the Armed Forces, print "AF" and skip to question 31.</i></p> <p>(<i>Name of company, business, organization, or other employer</i>)</p> <p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p>(<i>For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing</i>)</p> <p>c. Is this mainly — (<i>Fill one circle</i>)</p> <table border="0"><tr><td>Manufacturing</td><td>Retail trade</td></tr><tr><td>Wholesale trade</td><td>Other — (<i>agriculture, construction, service, government, etc.</i>)</td></tr></table> <p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(<i>For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator</i>)</p> <p>b. What were this person's most important activities or duties?</p> <p>(<i>For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill</i>)</p> <p>30. Was this person — (<i>Fill one circle</i>)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions</p> <p>Federal government employee</p> <p>State government employee</p> <p>Local government employee (<i>city, county, etc.</i>)</p> <p>Self-employed in own business, professional practice, or farm —</p> <p>Own business not incorporated</p> <p>Own business incorporated</p> <p>Working without pay in family business or farm</p>	1980	1978	1970 to 1974	1979	1975 to 1977	1969 or earlier	Manufacturing	Retail trade	Wholesale trade	Other — (<i>agriculture, construction, service, government, etc.</i>)	<p>CENSUS USE</p> <p>21b.</p> <p>I</p> <p>II</p> <p>III</p> <p>IV</p> <p>22b.</p> <p>28.</p> <p>A B C</p> <p>D E F</p> <p>G H J</p> <p>K L M</p> <p>AF</p> <p>NW</p> <p>29.</p> <p>N P Q</p> <p>R S T</p> <p>U V W</p> <p>X Y Z</p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 31d</i></p> <p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>Weeks</p> <p>c. During the weeks worked in 1979, how many hours did this person usually work each week?</p> <p>Hours</p> <p>d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p> <p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts. If net income was a loss, write "Loss" above the dollar amount. If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p><i>If "Yes" to any of the sources below — How much did this person receive for the entire year?</i></p> <p>a. Wages, salary, commissions, bonuses, or tips from all jobs . . . <i>Report amount before deductions for taxes, bonds, dues, or other items.</i></p> <p>Yes → \$.00</p> <p>No (Annual amount — Dollars)</p> <p>b. Own nonfarm business, partnership, or professional practice . . . <i>Report net income after business expenses.</i></p> <p>Yes → \$.00</p> <p>No (Annual amount — Dollars)</p> <p>c. Own farm . . . <i>Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</i></p> <p>Yes → \$.00</p> <p>No (Annual amount — Dollars)</p> <p>d. Interest, dividends, royalties, or net rental income . . . <i>Report even small amounts credited to an account.</i></p> <p>Yes → \$.00</p> <p>No (Annual amount — Dollars)</p> <p>e. Social Security or Railroad Retirement . . .</p> <p>Yes → \$.00</p> <p>No (Annual amount — Dollars)</p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p>Yes → \$.00</p> <p>No (Annual amount — Dollars)</p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . . <i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i></p> <p>Yes → \$.00</p> <p>No (Annual amount — Dollars)</p> <p>33. What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$.00</p> <p>(Annual amount — Dollars)</p> <p><i>If total amount was a loss, write "Loss" above amount.</i> OR None</p>	<p>CENSUS USE ONLY</p> <p>31b.</p> <p>31c.</p> <p>31d.</p> <p>32a.</p> <p>32b.</p> <p>32c.</p> <p>32d.</p> <p>32e.</p> <p>32f.</p> <p>32g.</p> <p>33.</p>
1980	1978	1970 to 1974											
1979	1975 to 1977	1969 or earlier											
Manufacturing	Retail trade												
Wholesale trade	Other — (<i>agriculture, construction, service, government, etc.</i>)												

→ Please turn to the next page and answer the questions for Person 2 on page 2



Appendix F.—Publication and Computer Tape Program

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GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—

This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—

These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

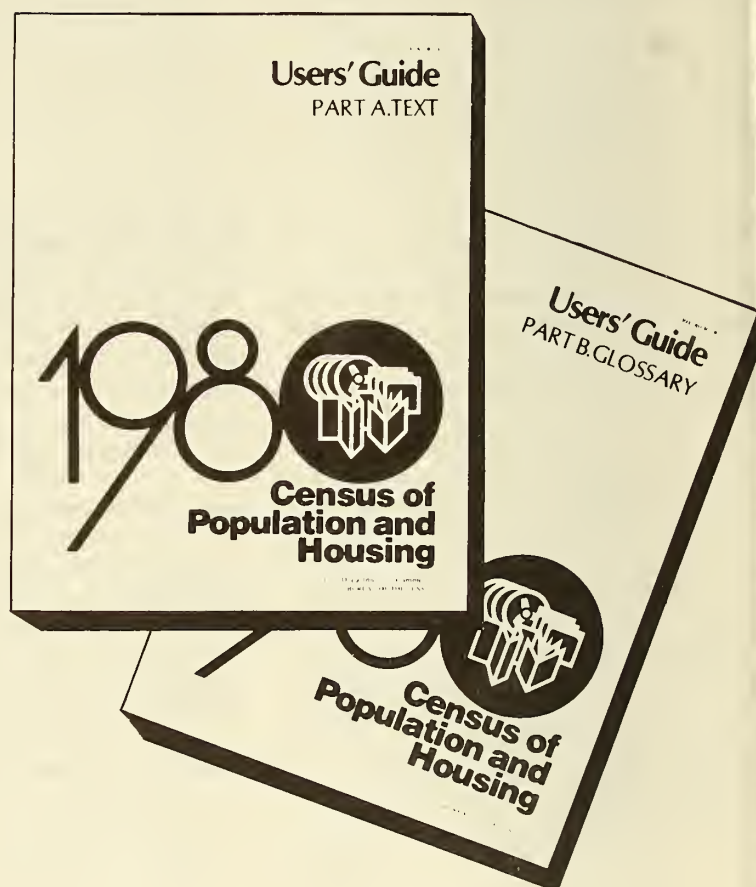
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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